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MC REPORT 011
Voiume 7

ACOUSTIC ENVIRONMENTAL SCENARIOS AND PREDICTIONS FOR ASW

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VOLUME 7
AREA 3A, SUMMER
PREDICTIONS FOR PASSIVE SONAR

October 1972



LONG RANGE ACOUSTIC PROPAGATION PROJECT



OCEAN SCIENCE PROGRAM

MAURY CENTER FOR OCEAN SCIENCE

Department of the Navy

Washington, D.C.

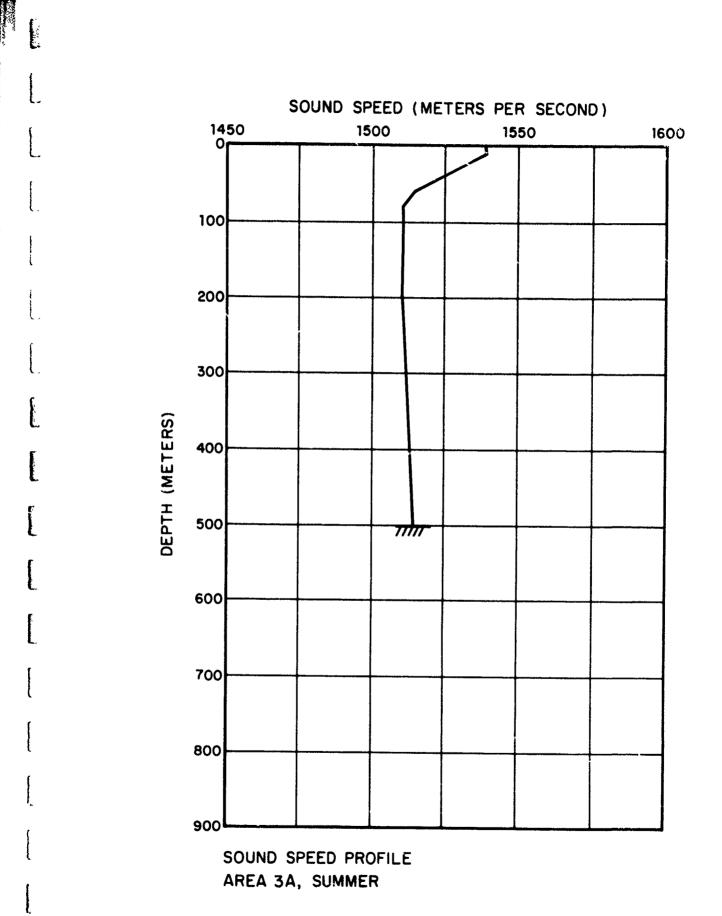
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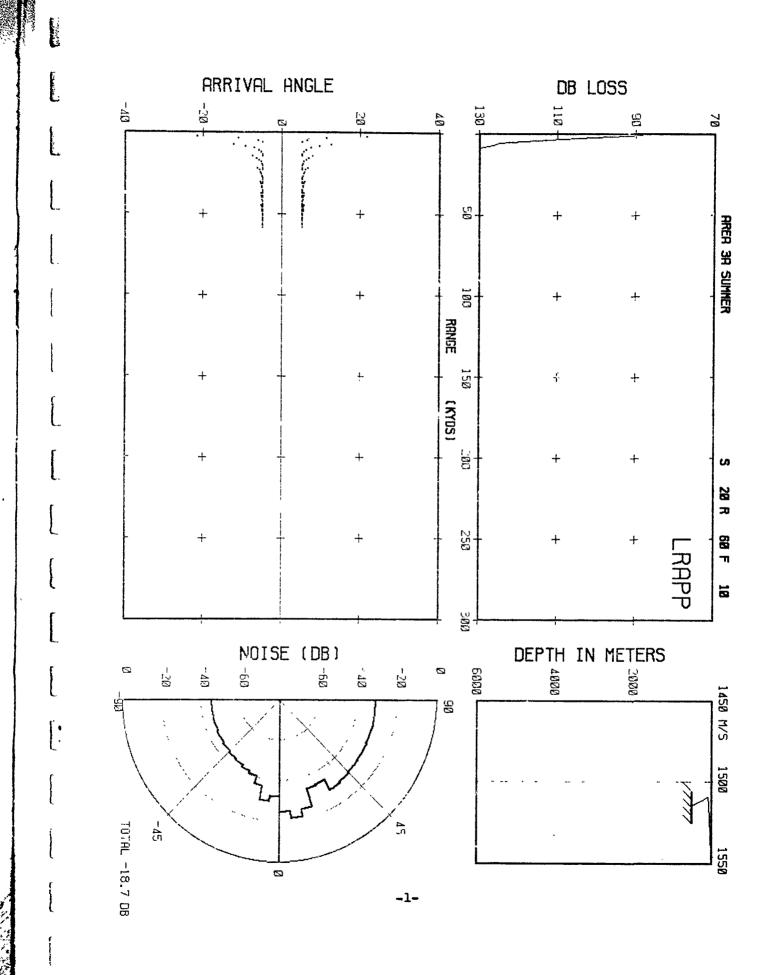
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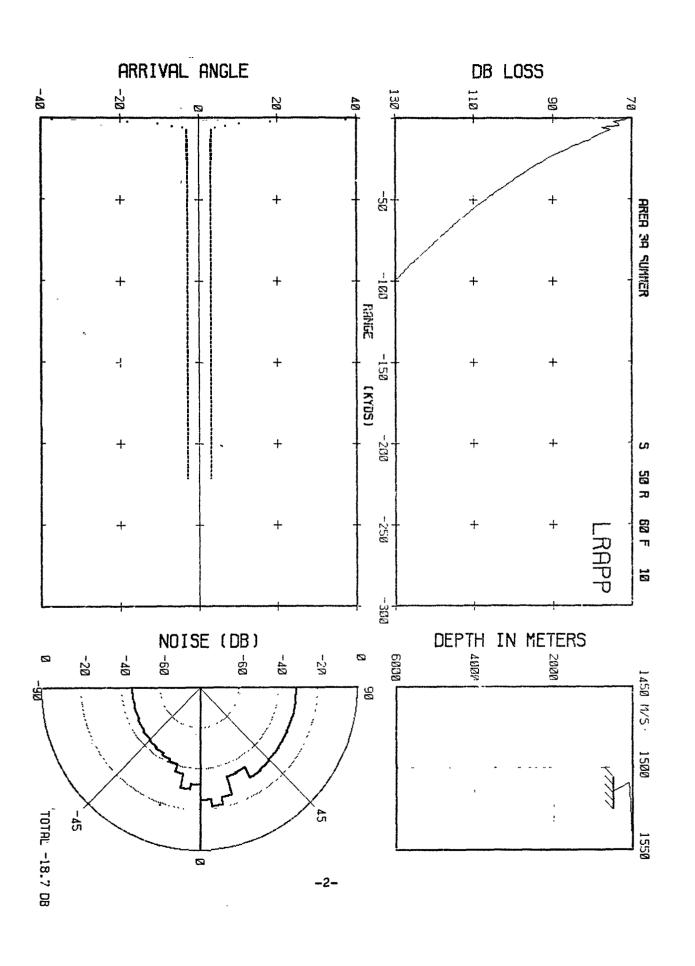
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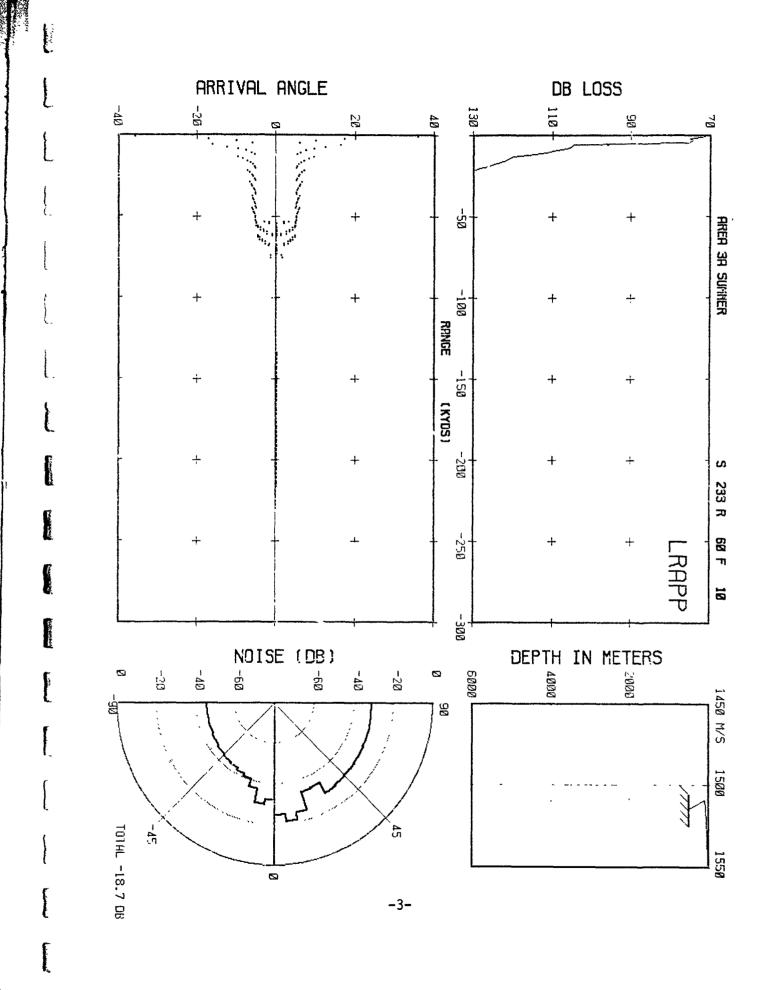
Volume VII: AREA 3A SUMMER
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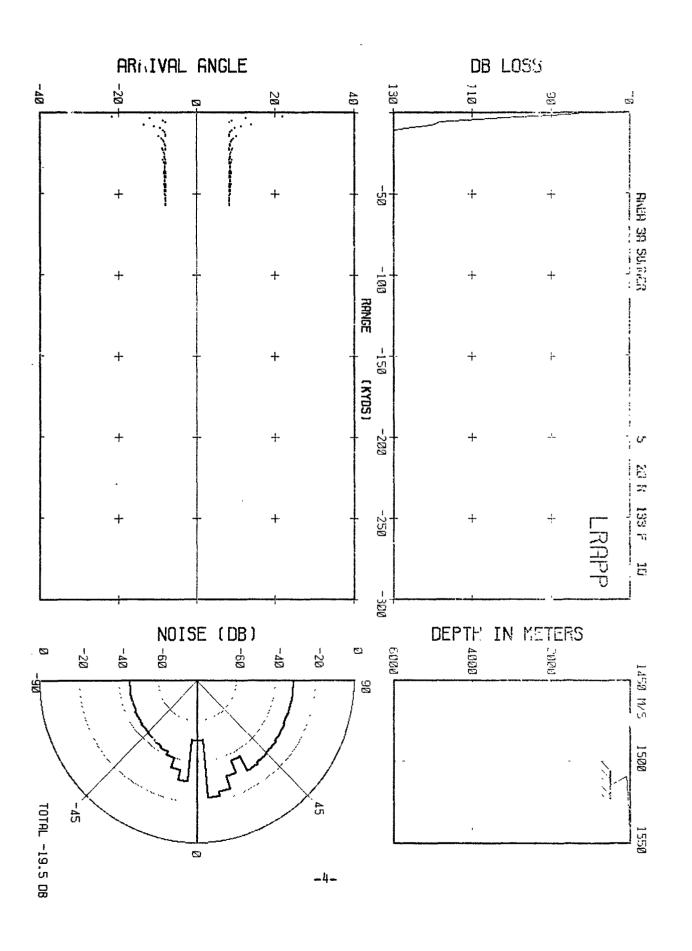
Refer to Volume I of this report for an explanation of the plot format and descriptions of models and ocean areas.

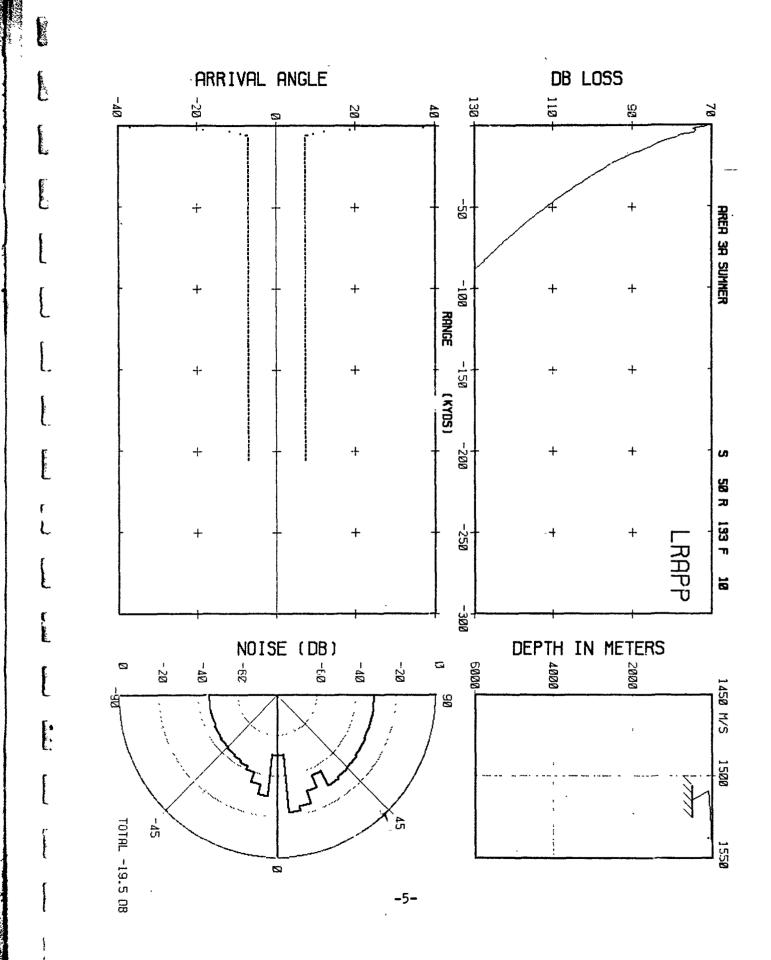


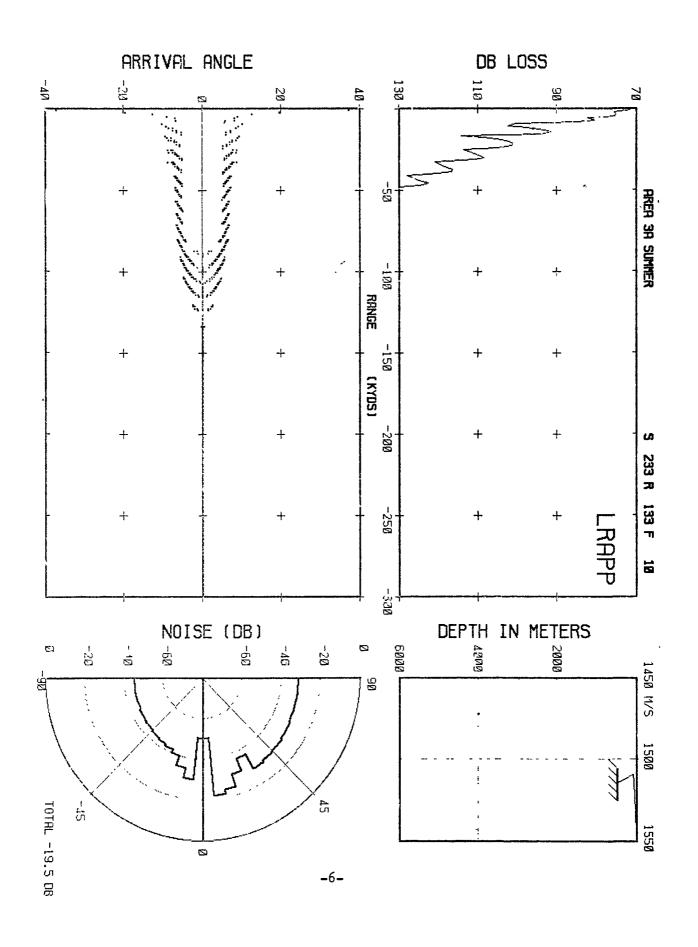


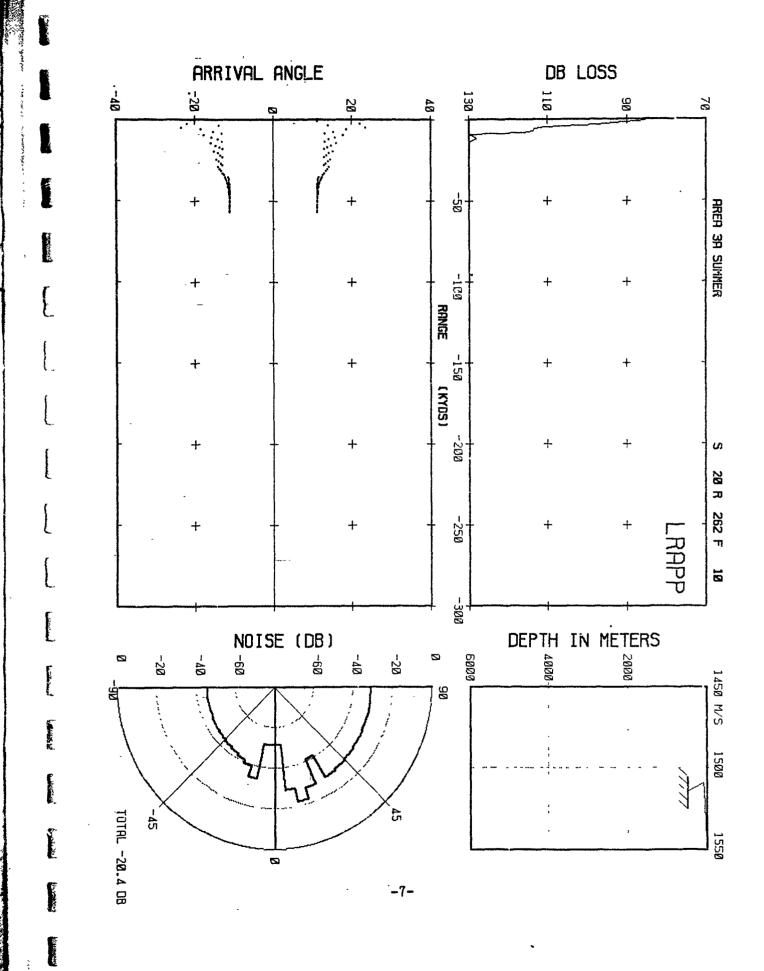


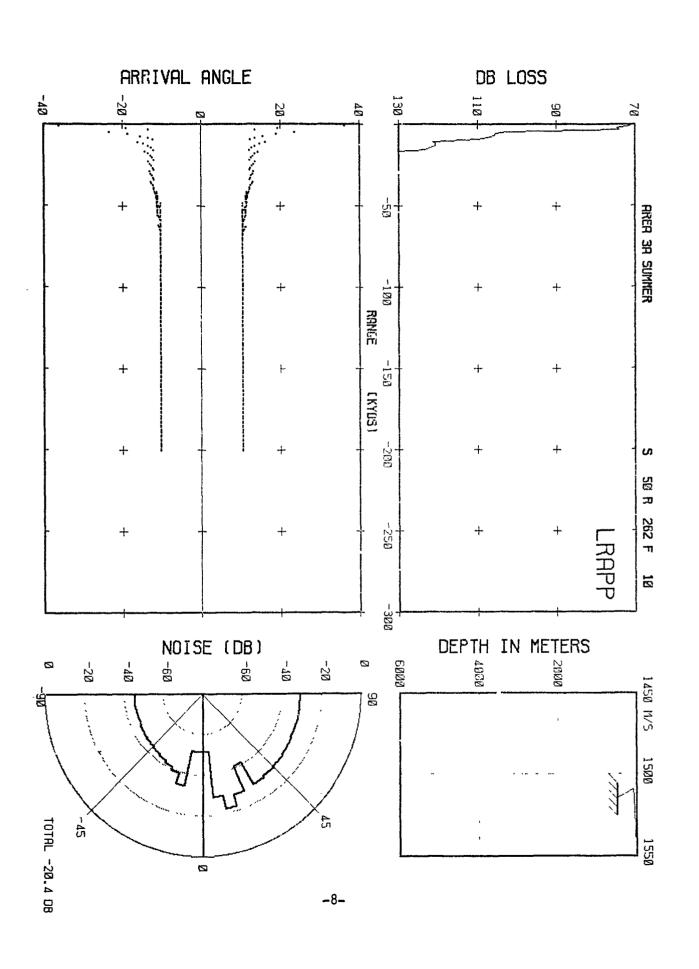


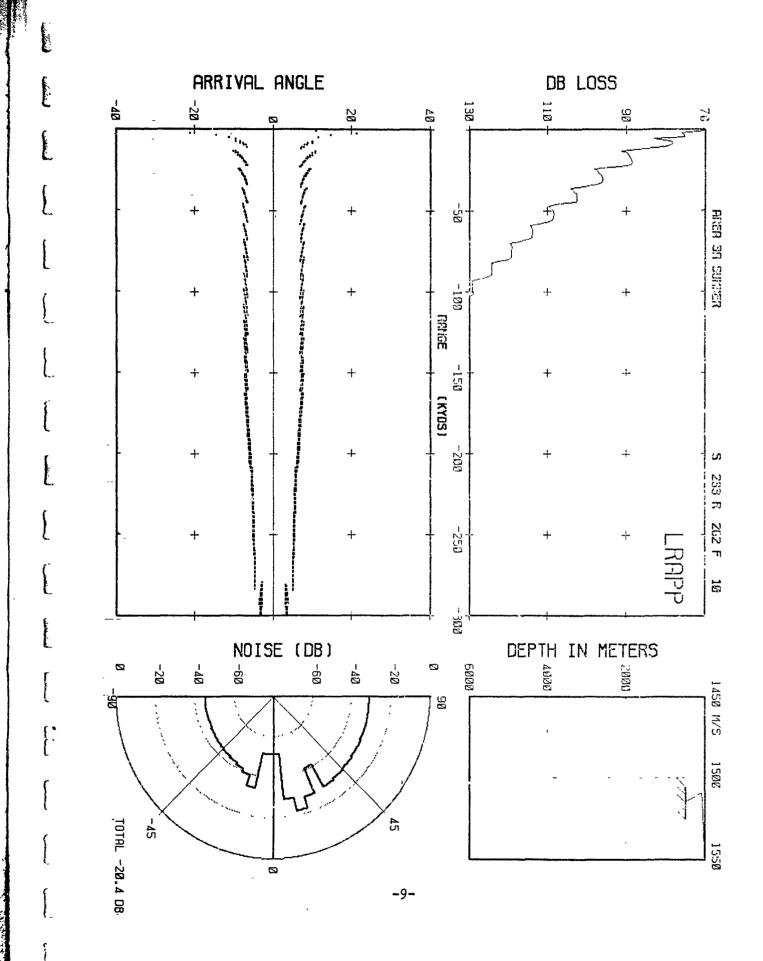


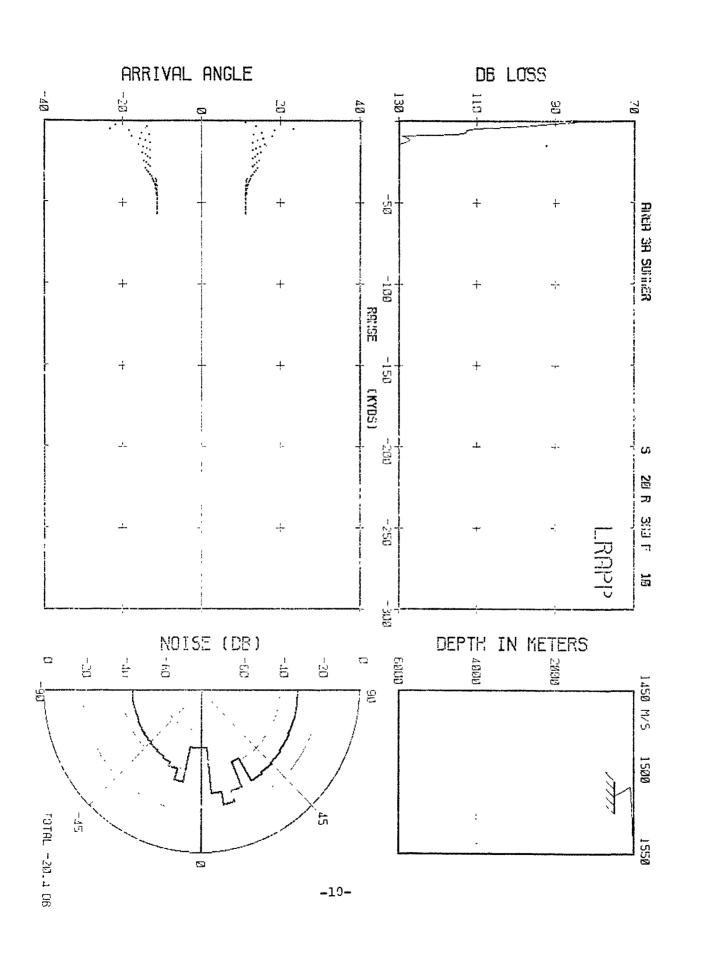


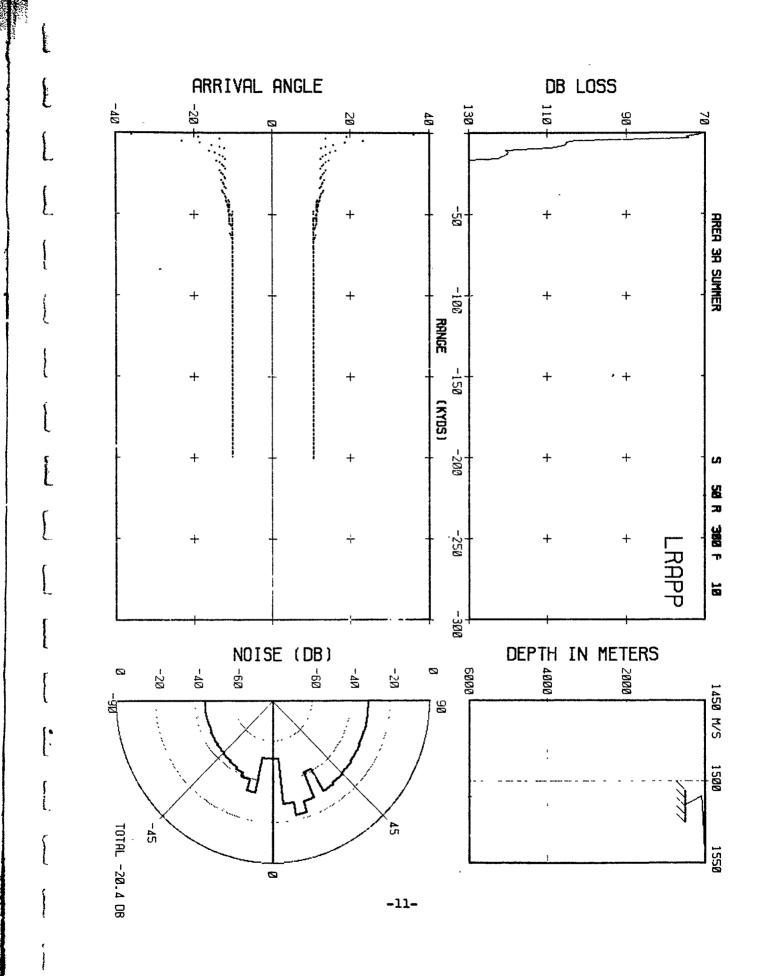


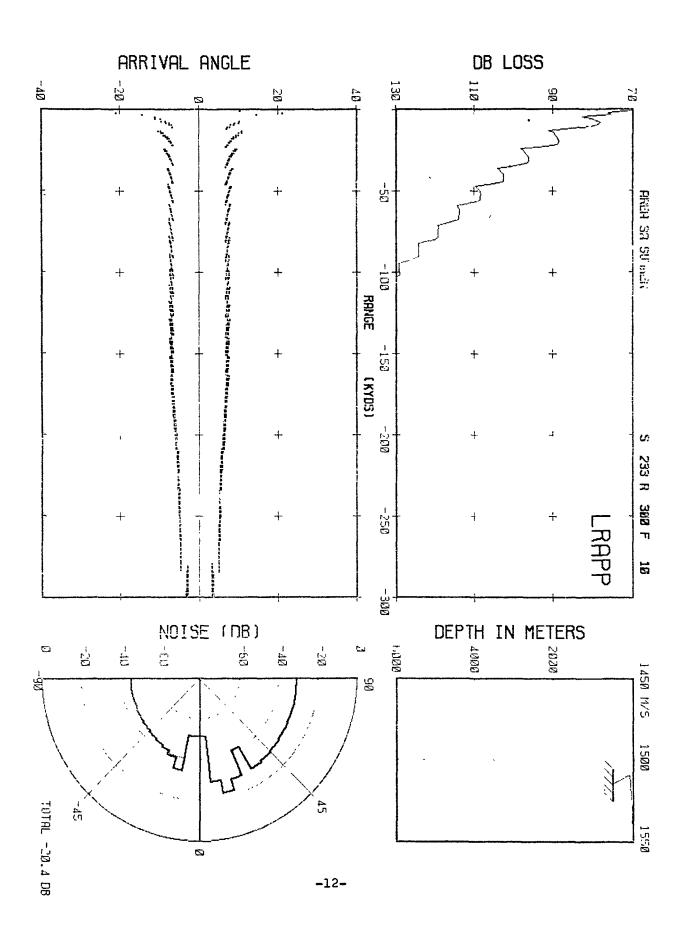


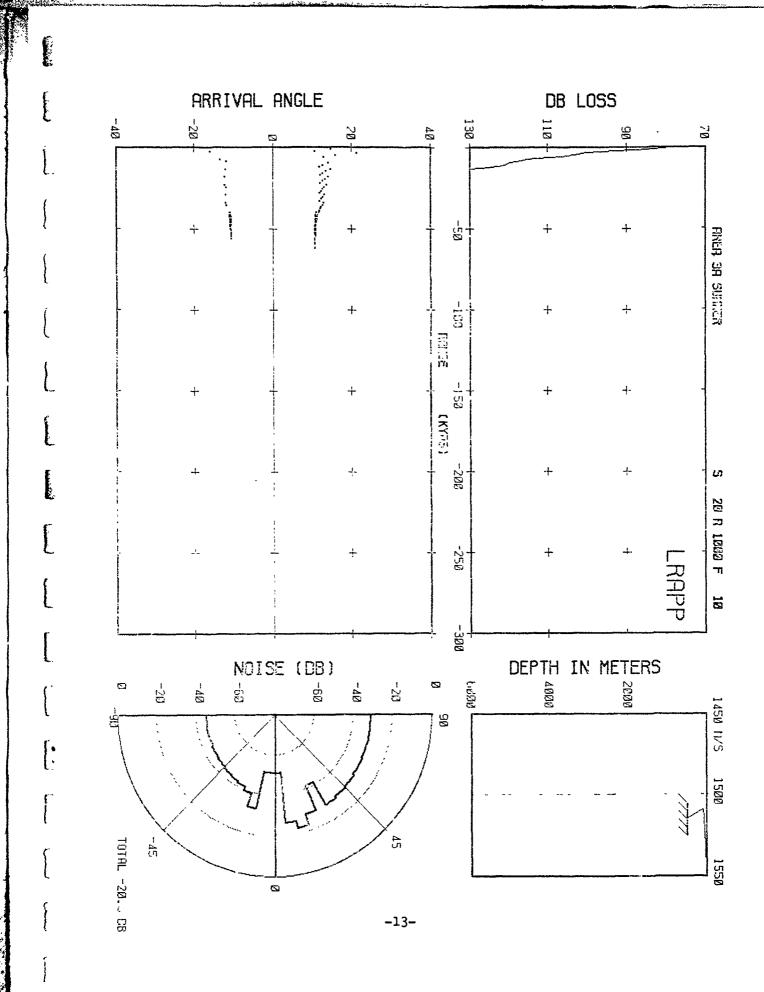


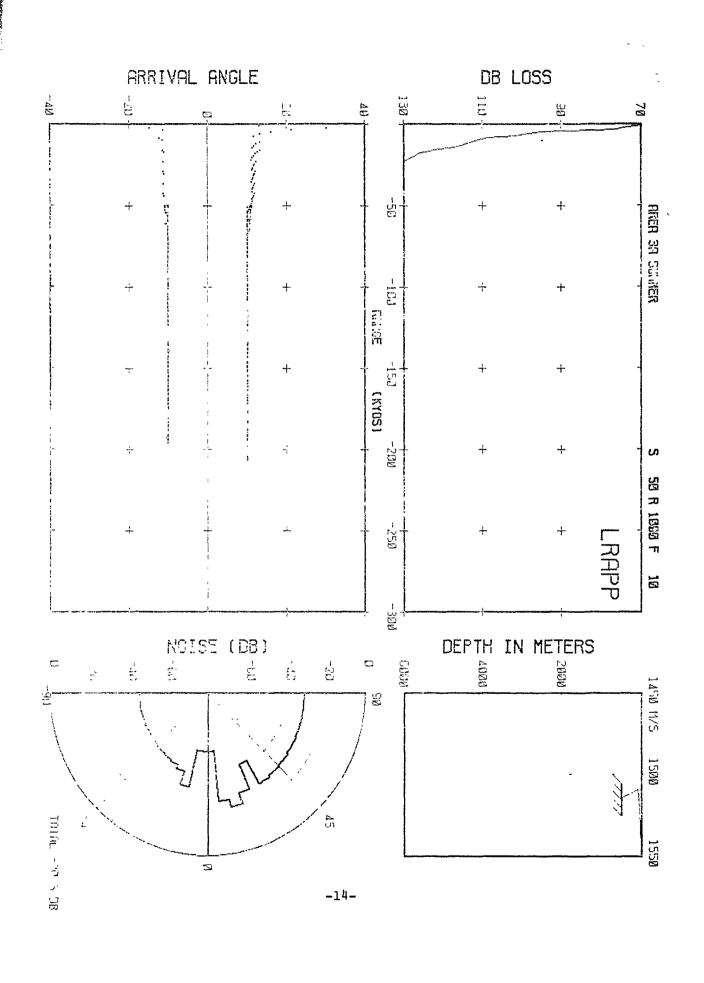


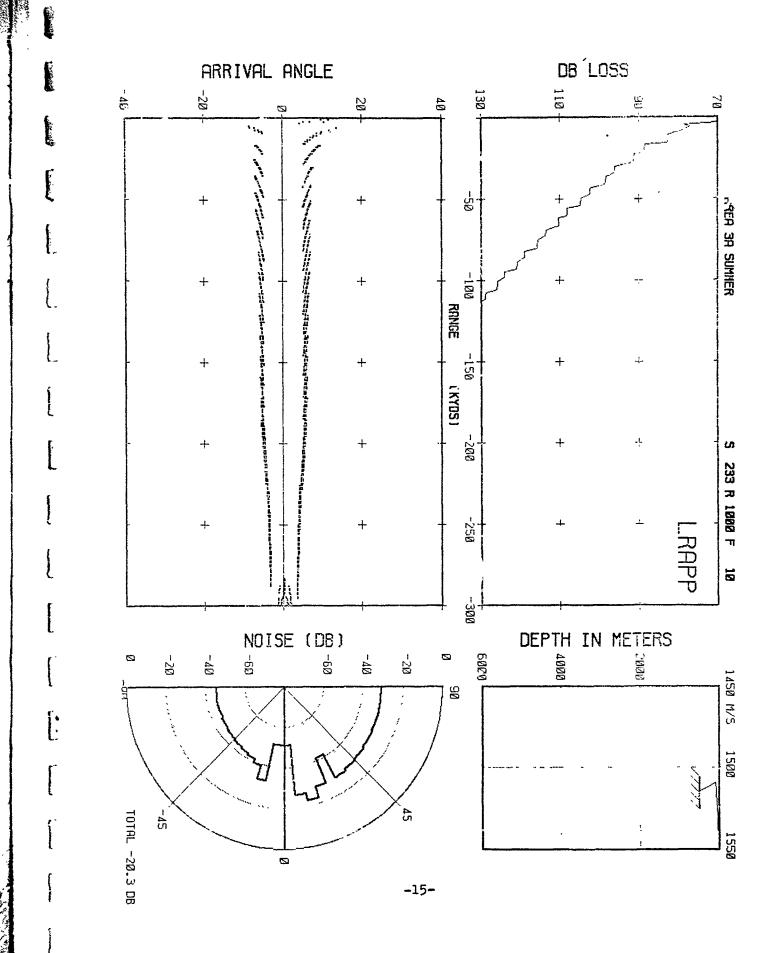


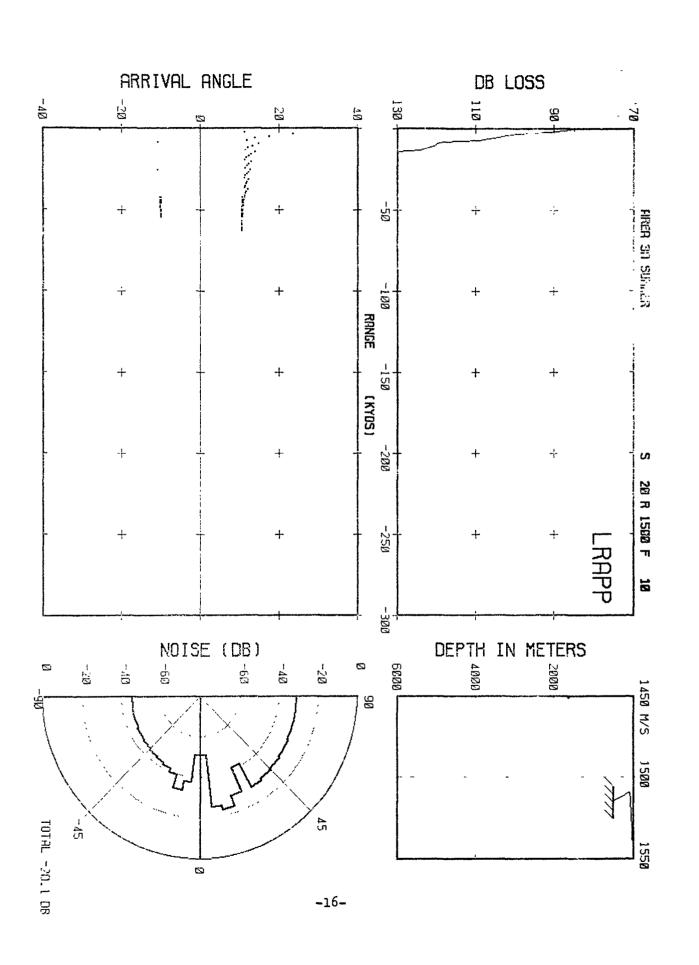


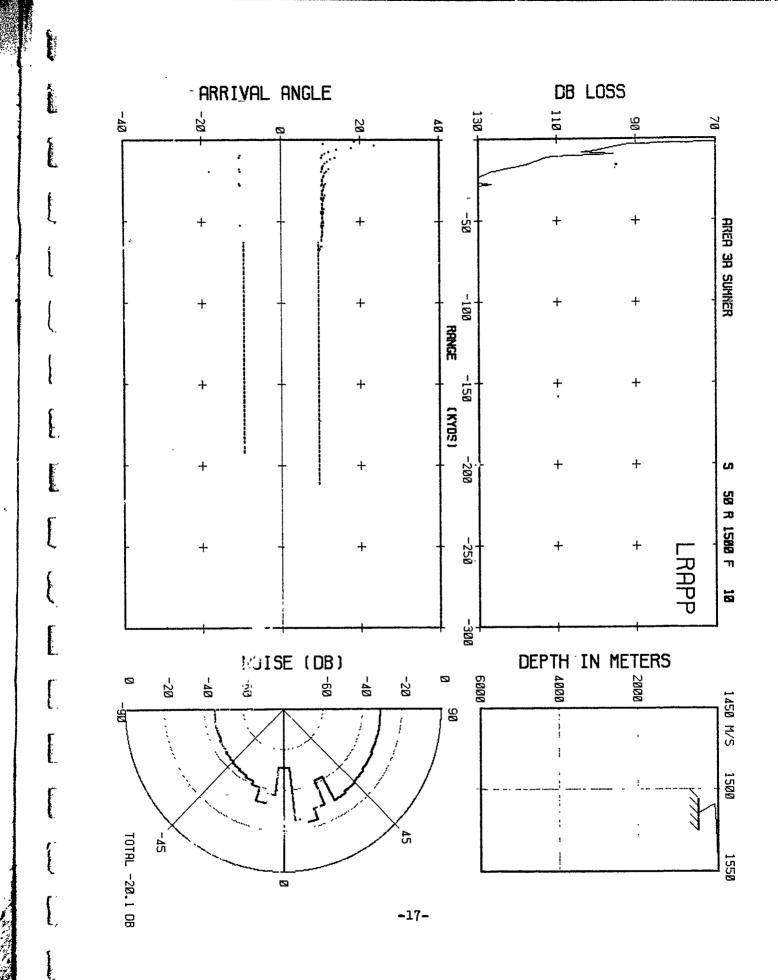


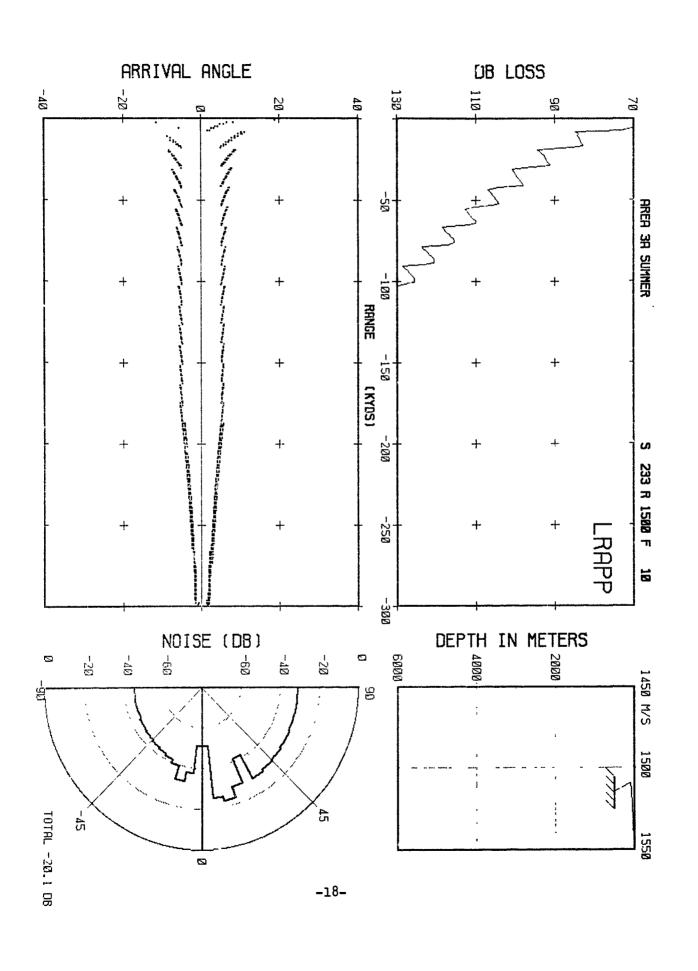


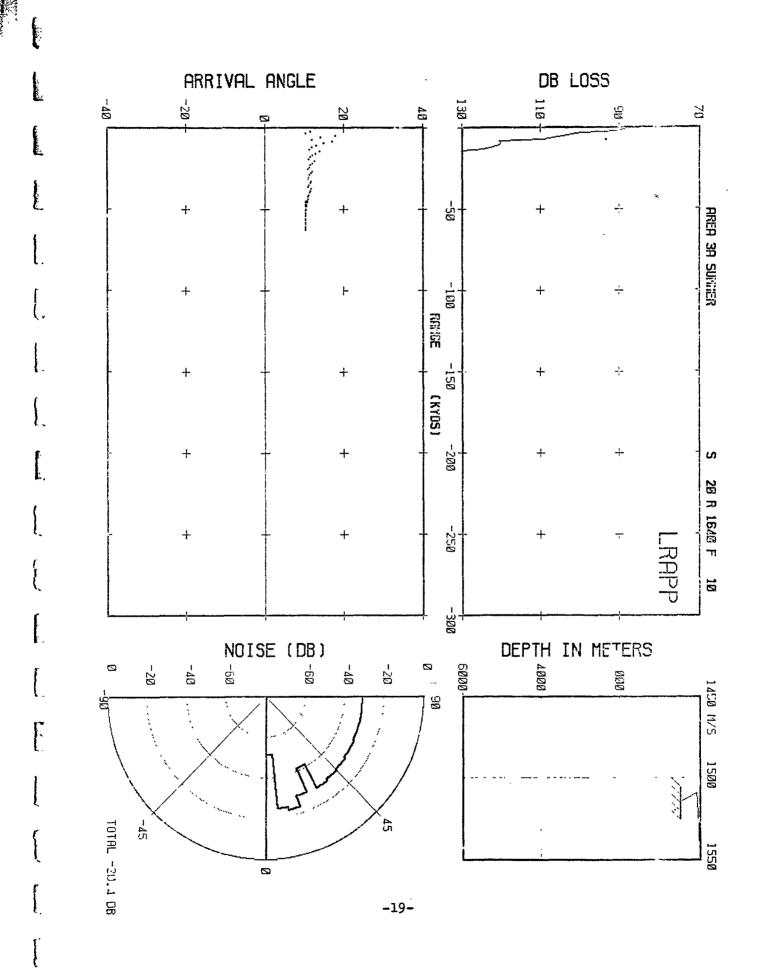


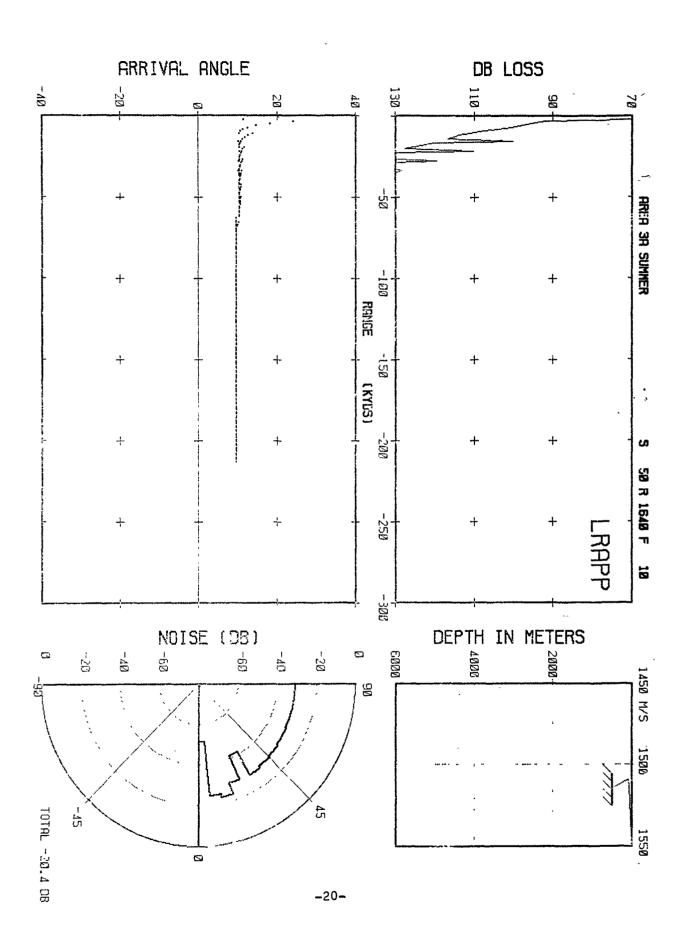


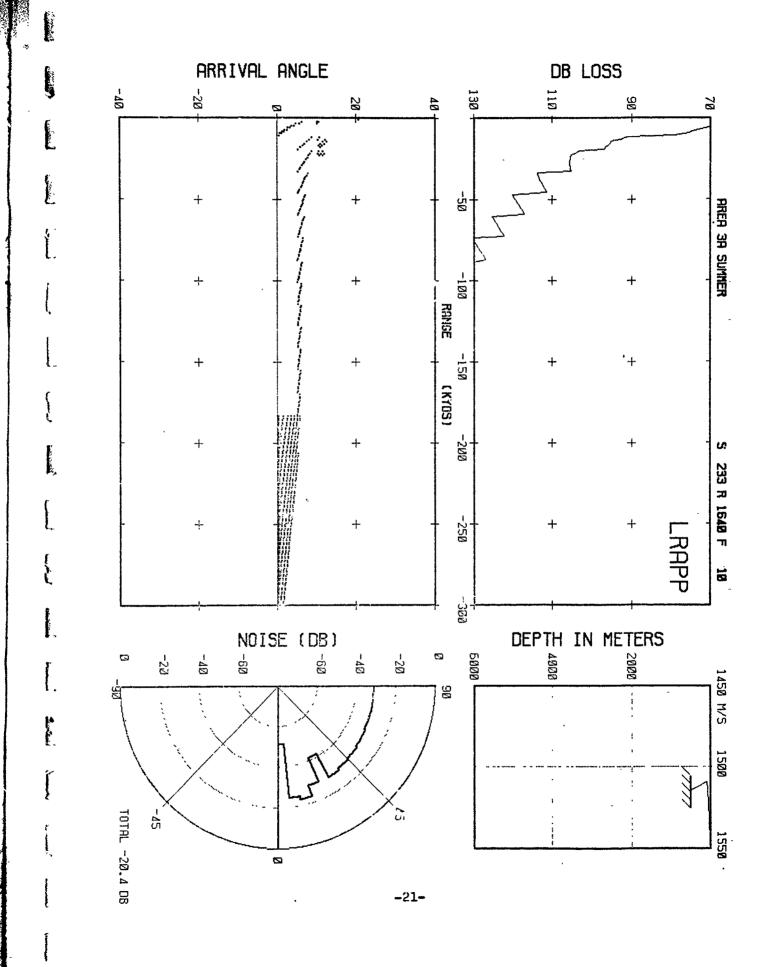


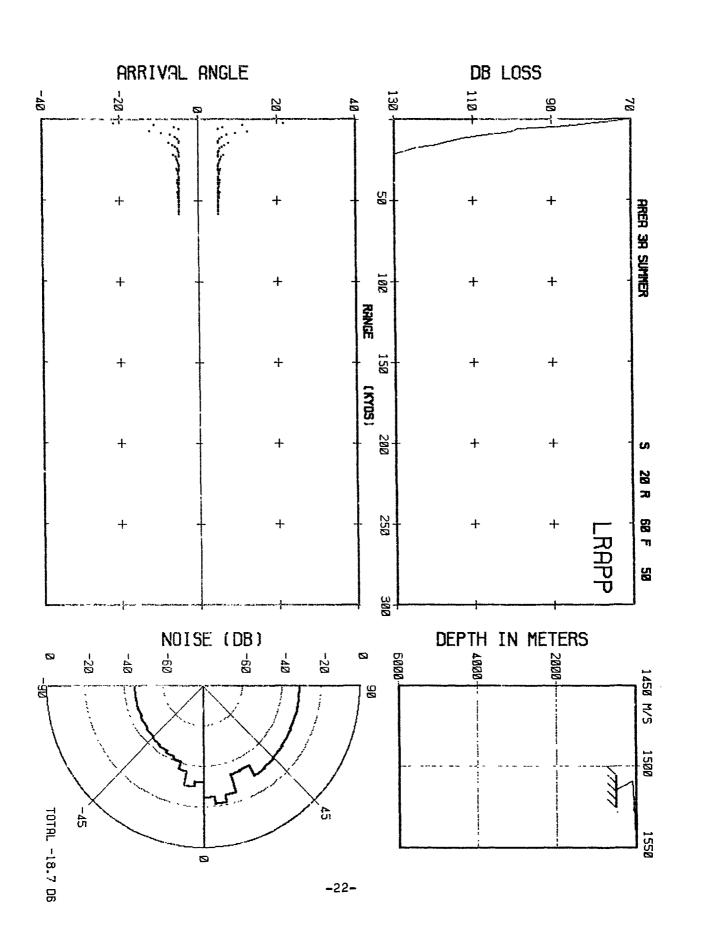


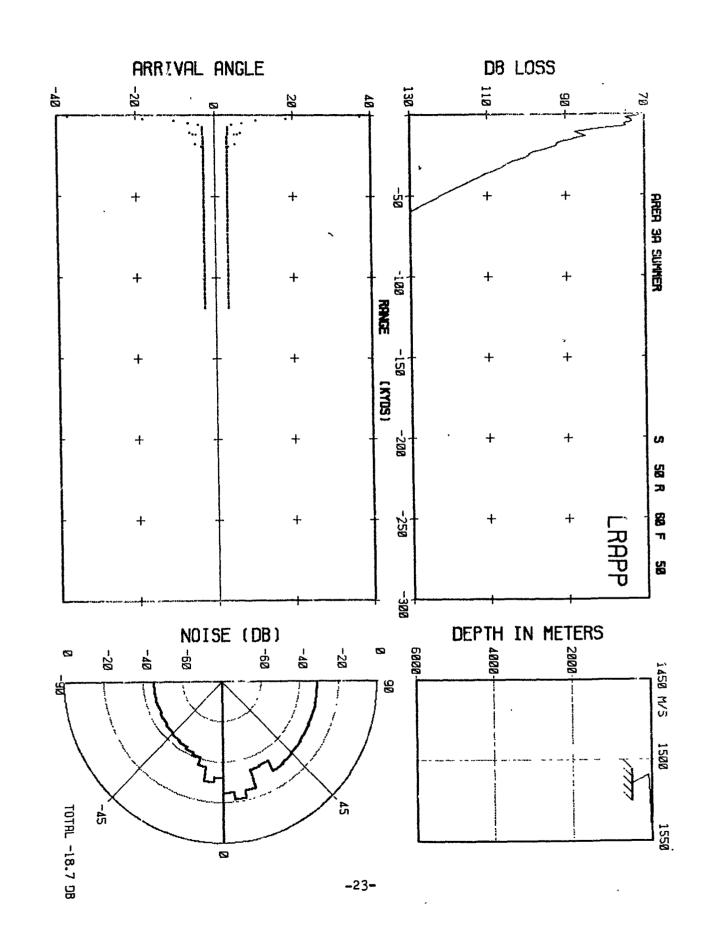


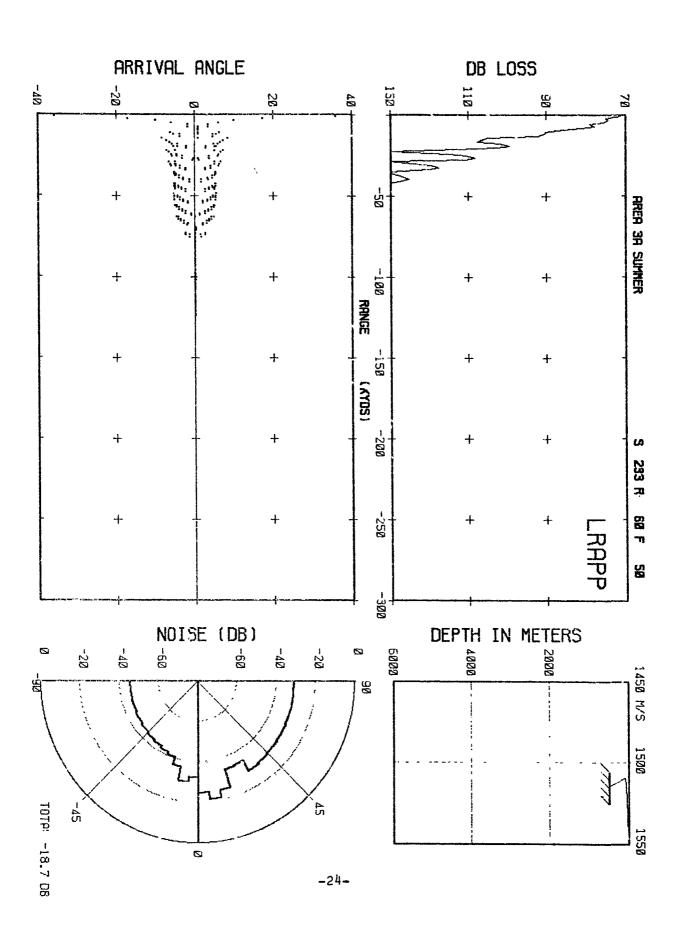


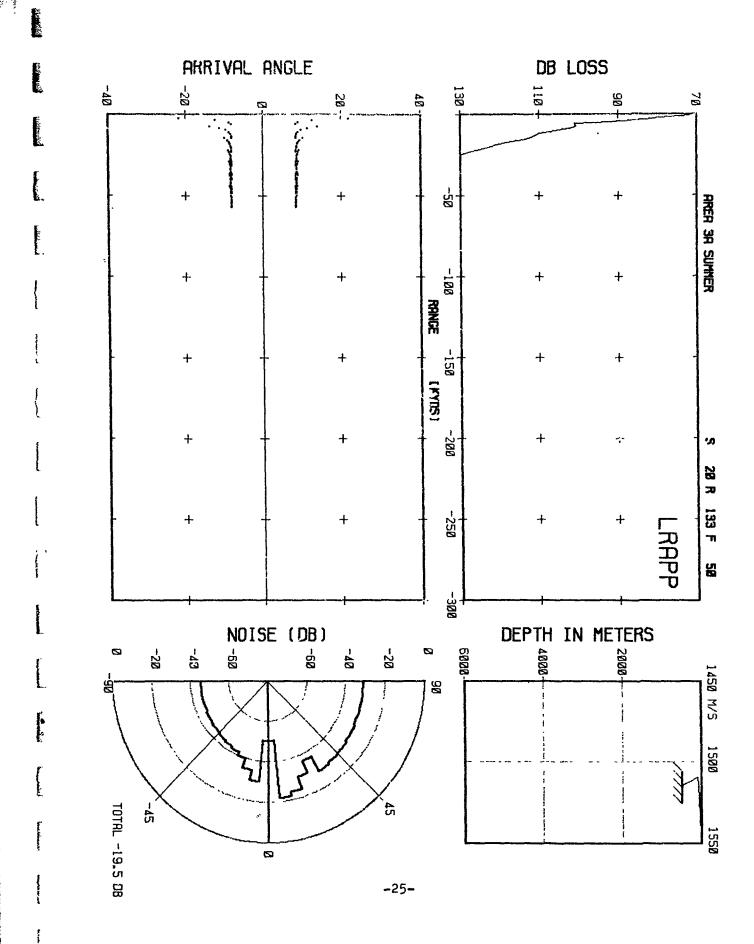


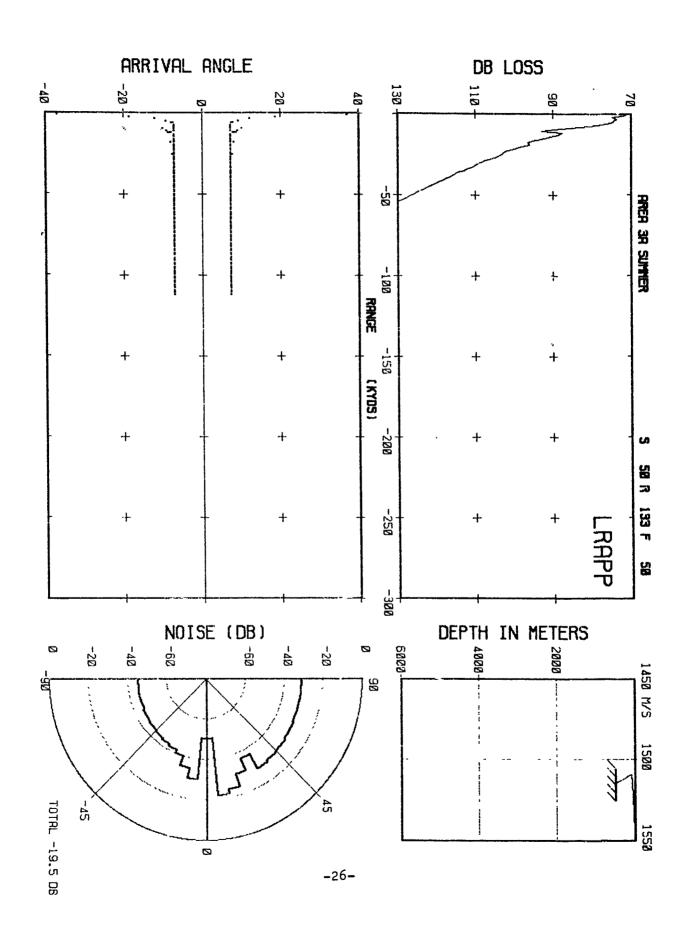


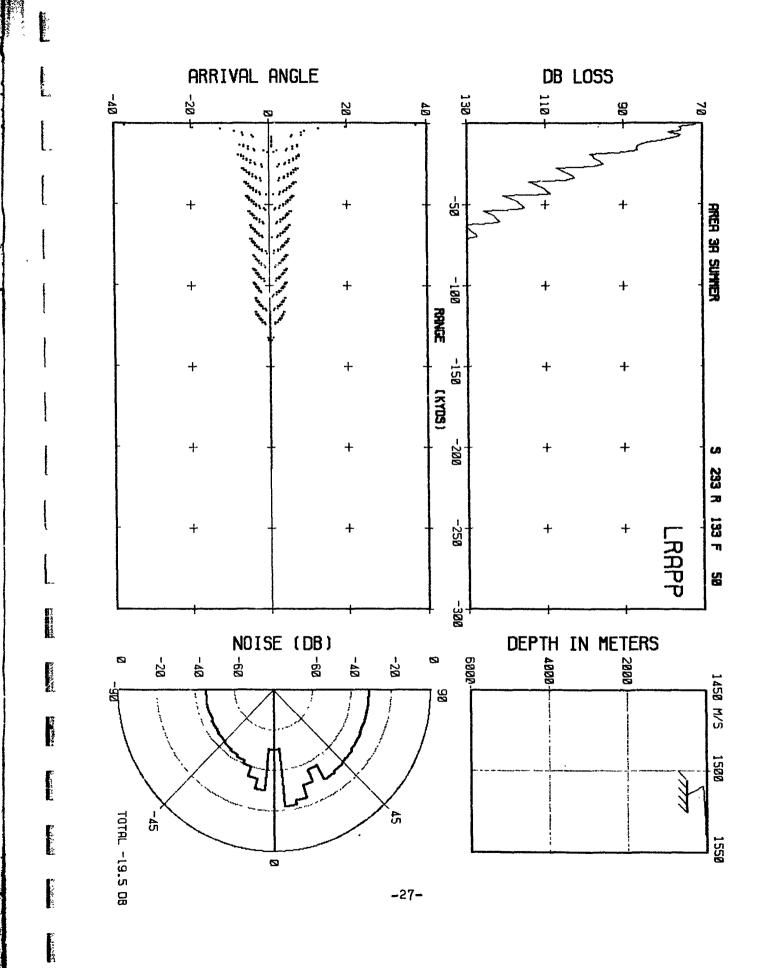


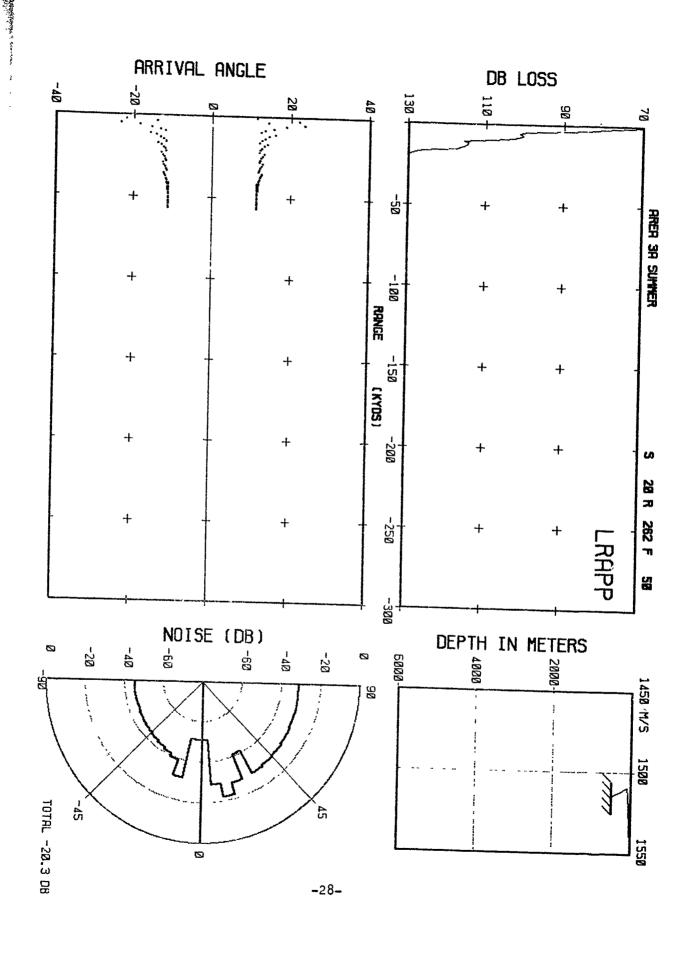


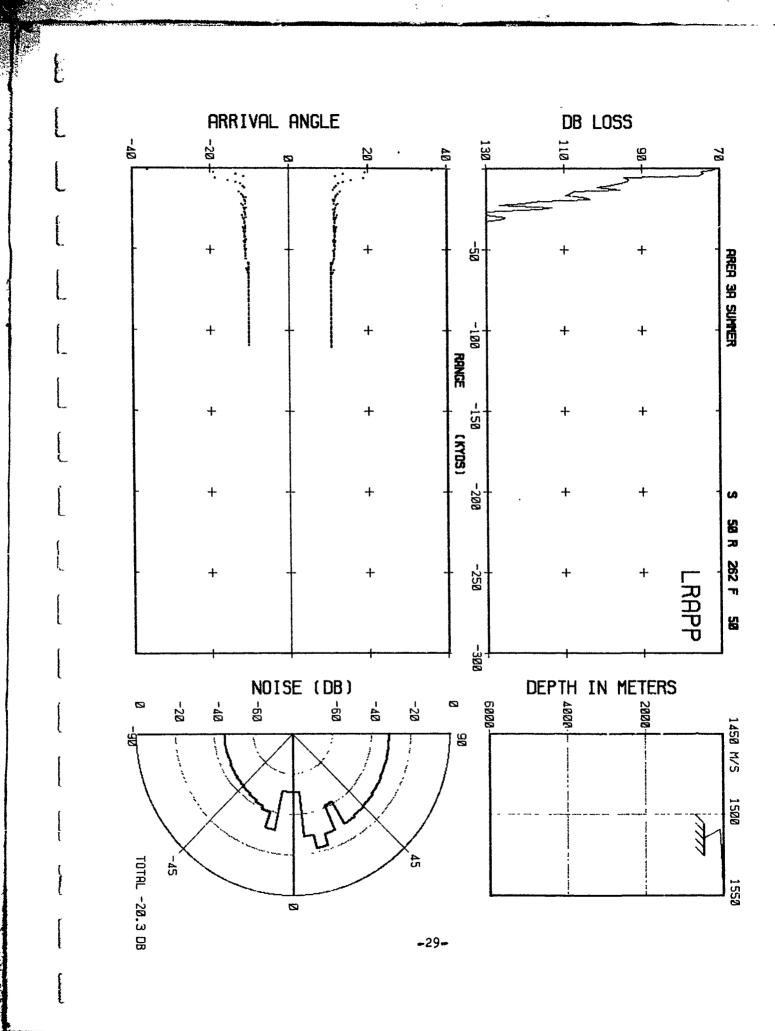


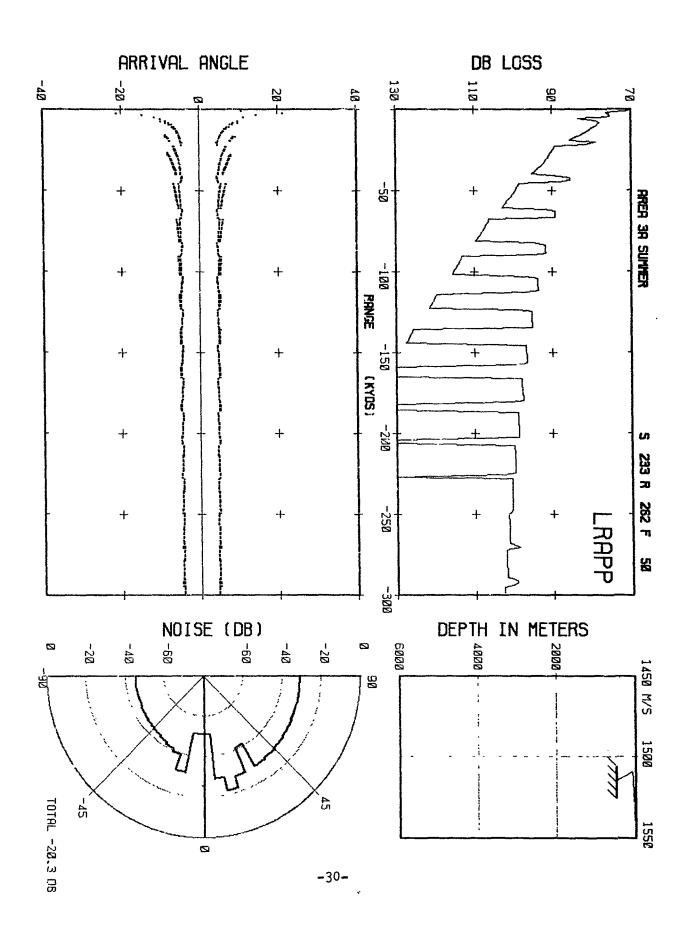


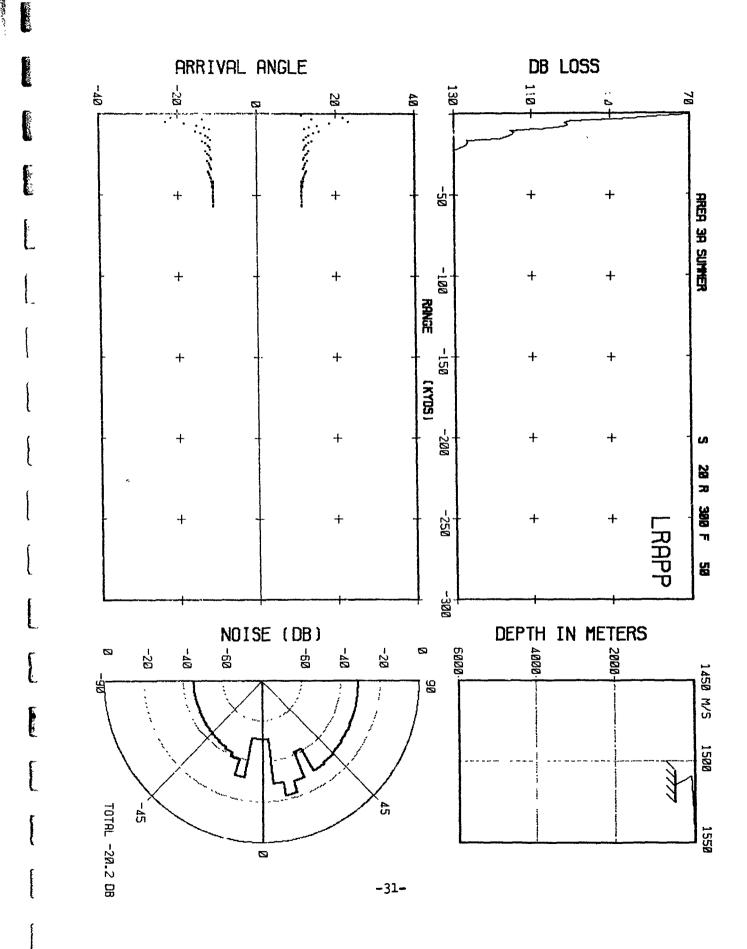


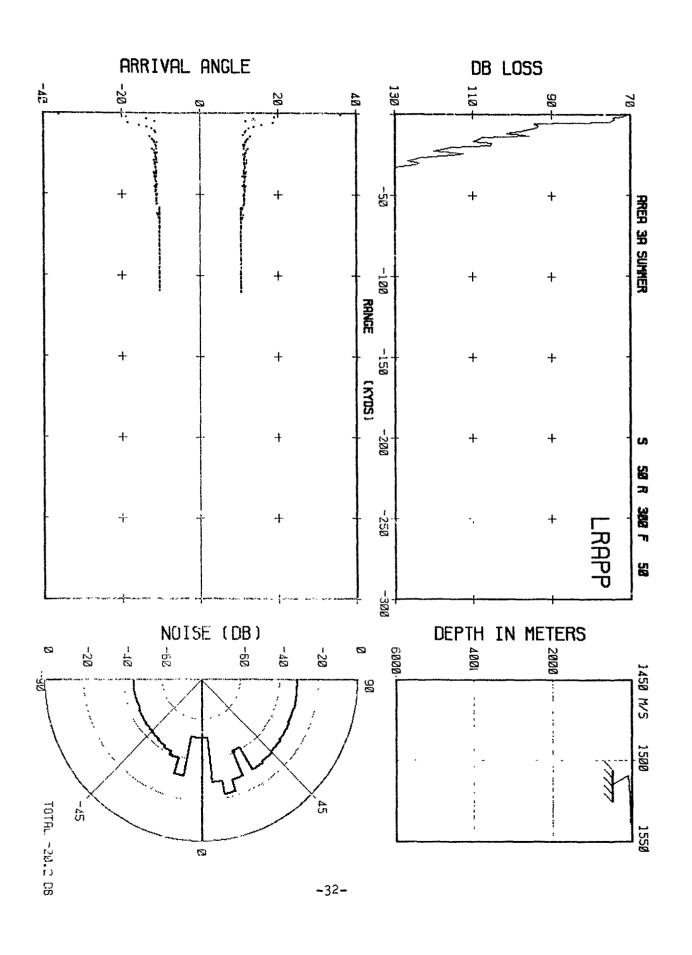


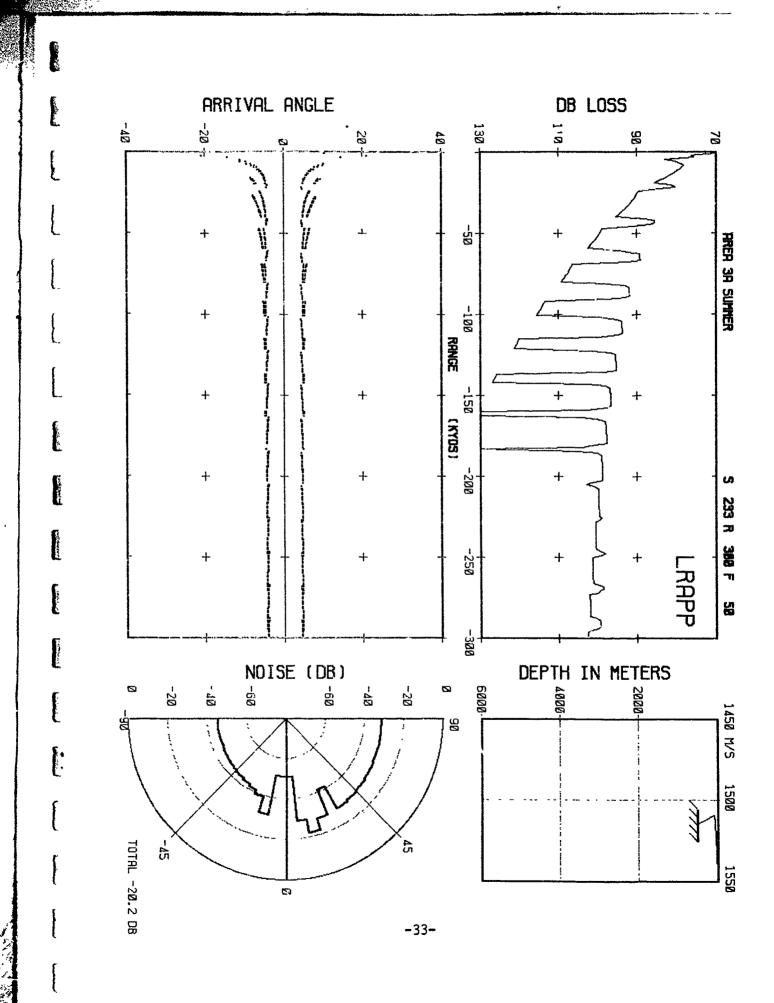


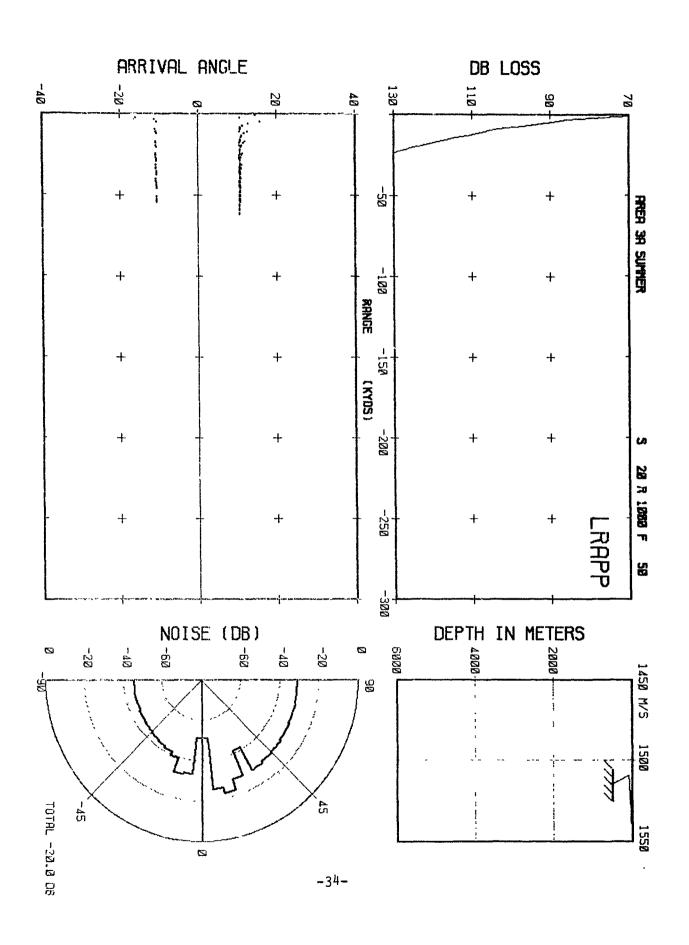


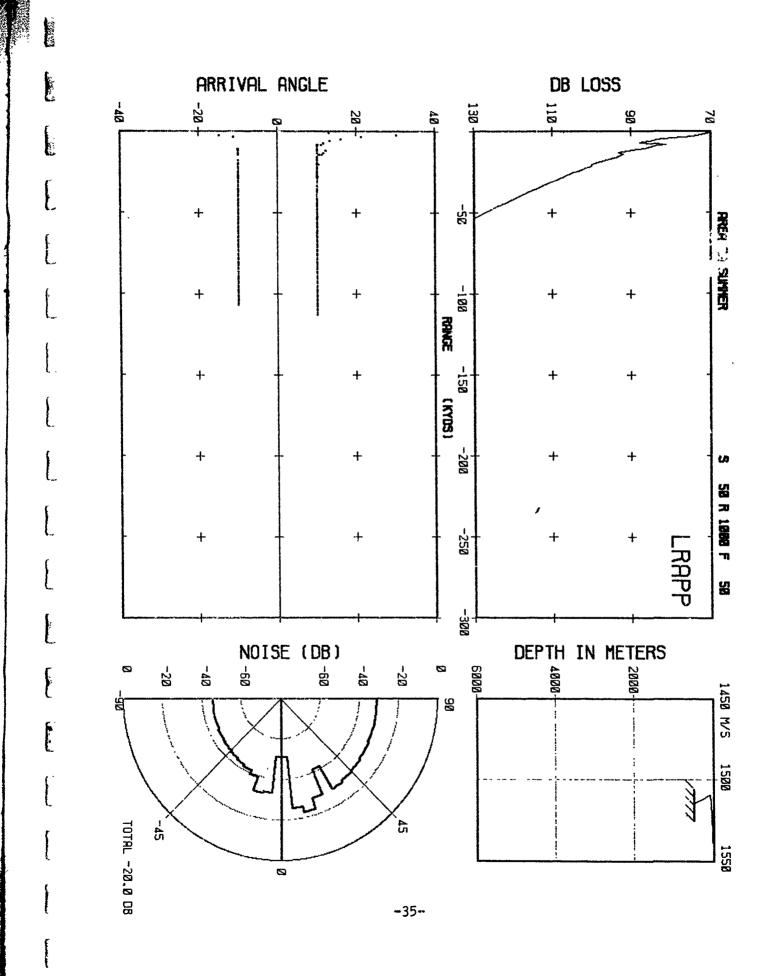


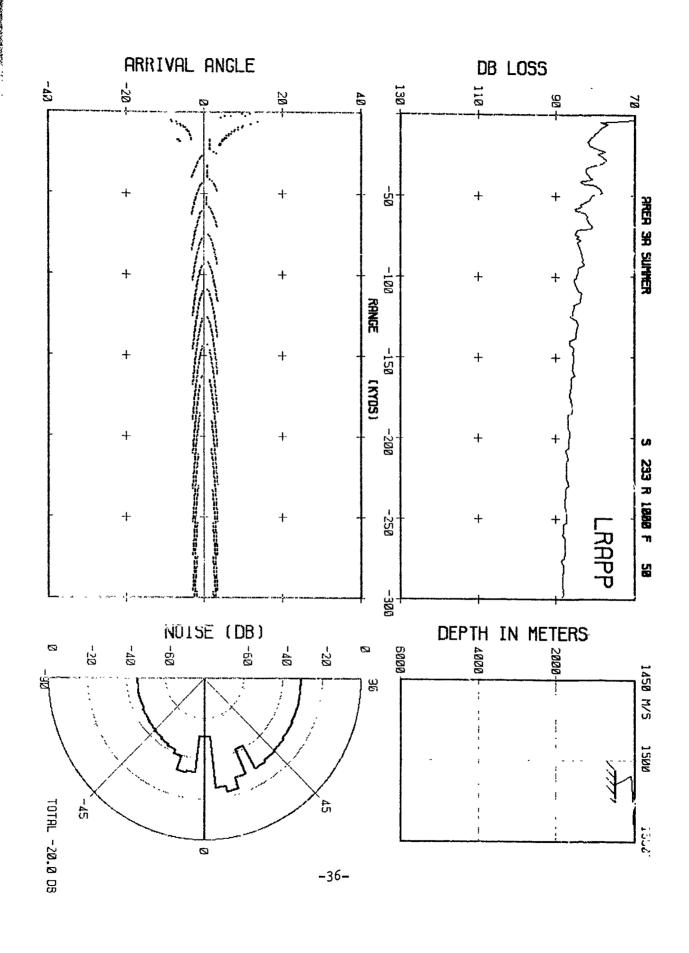


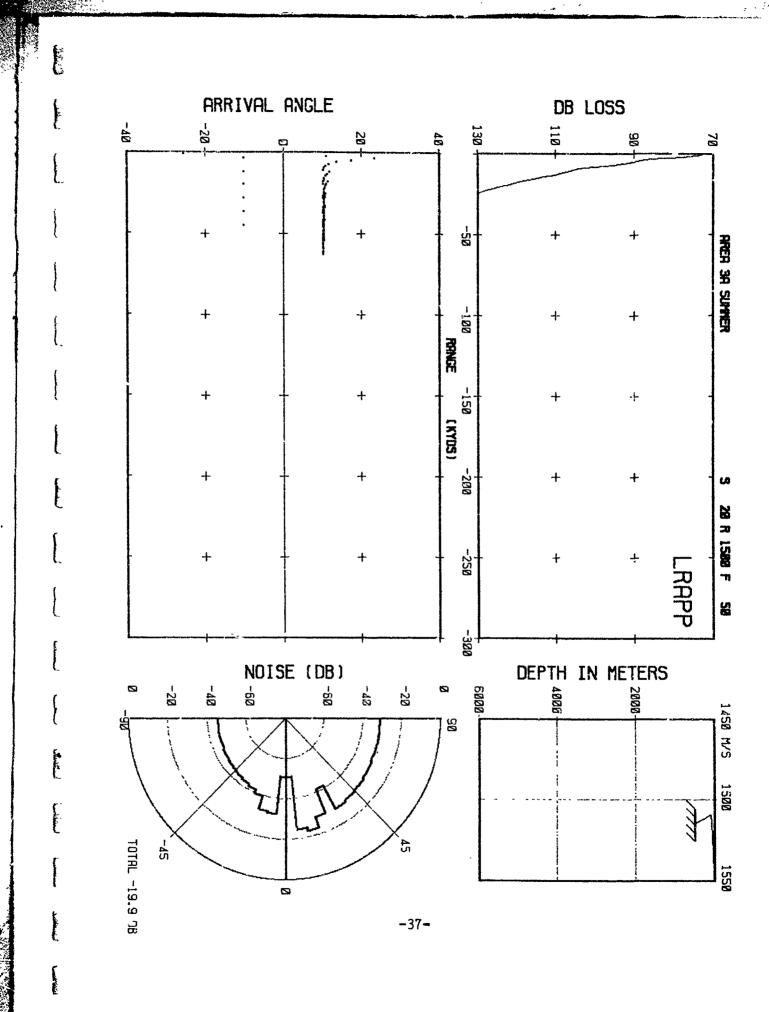


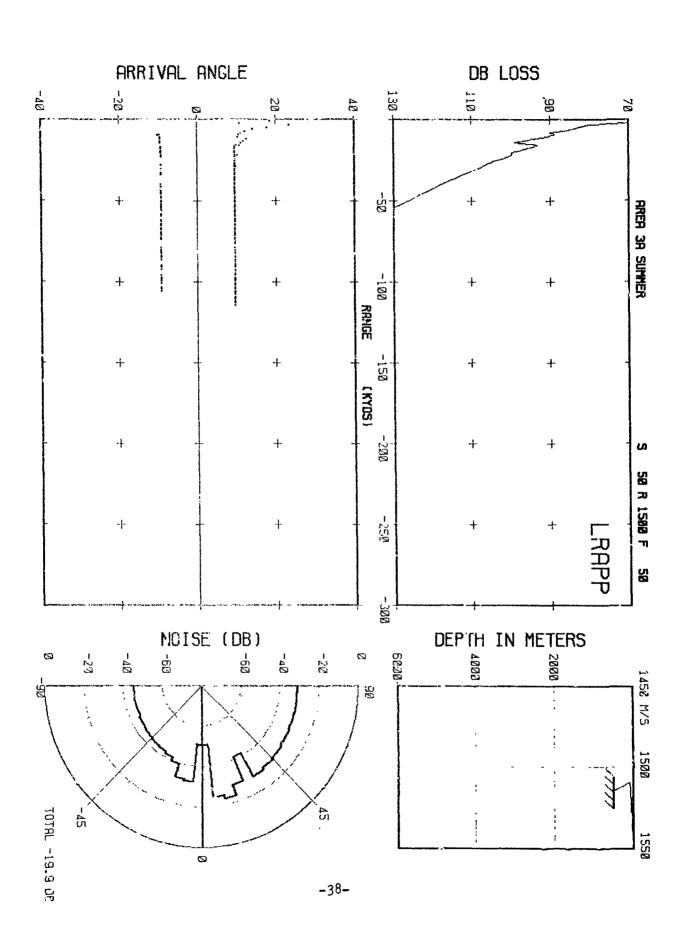


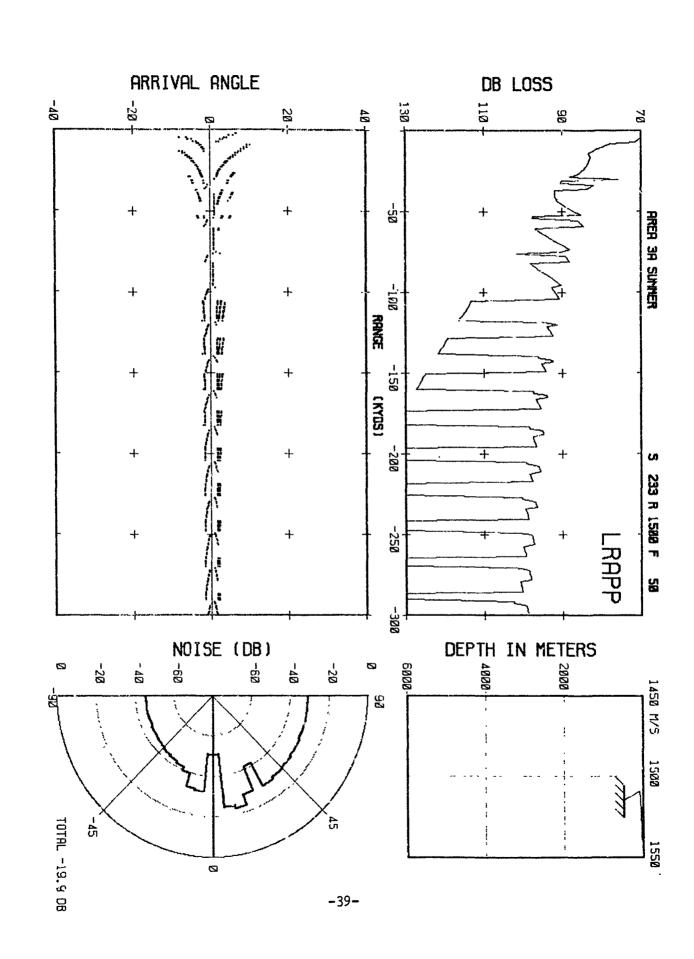


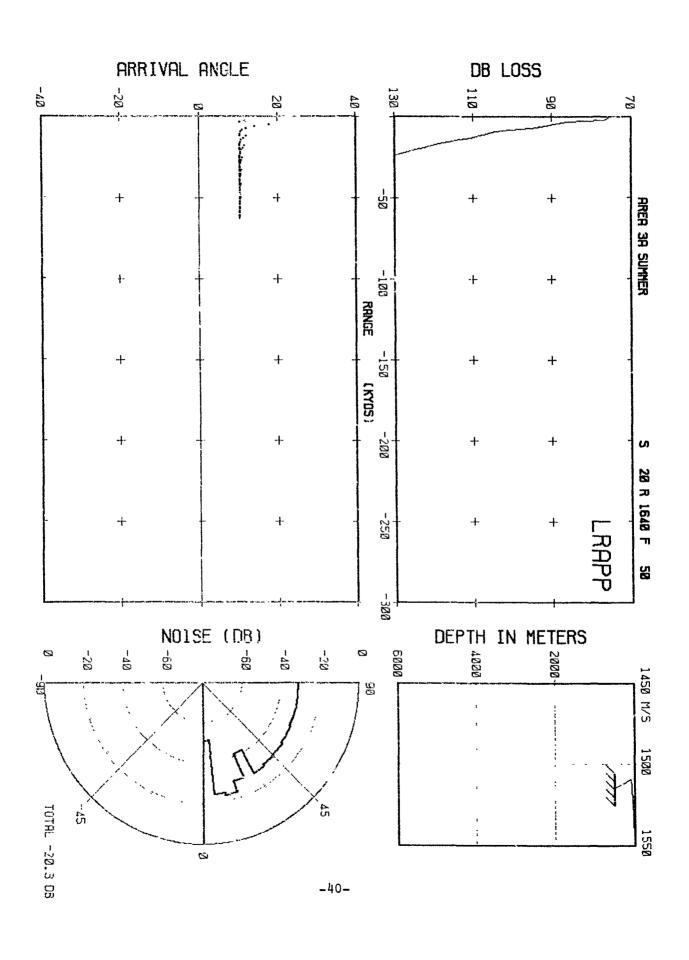


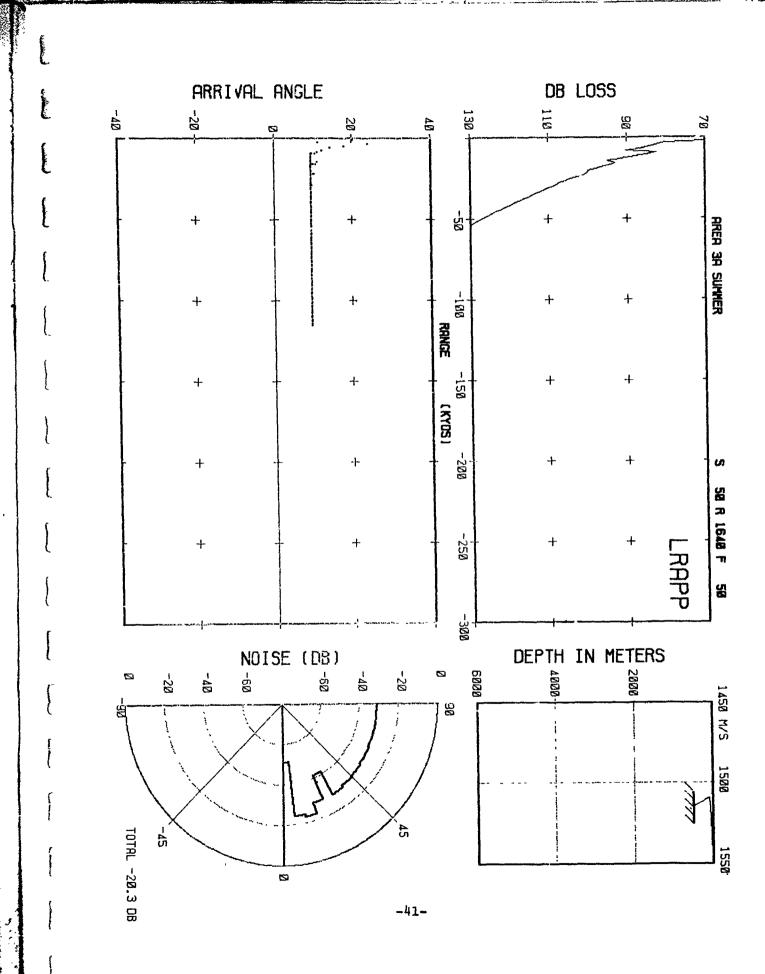


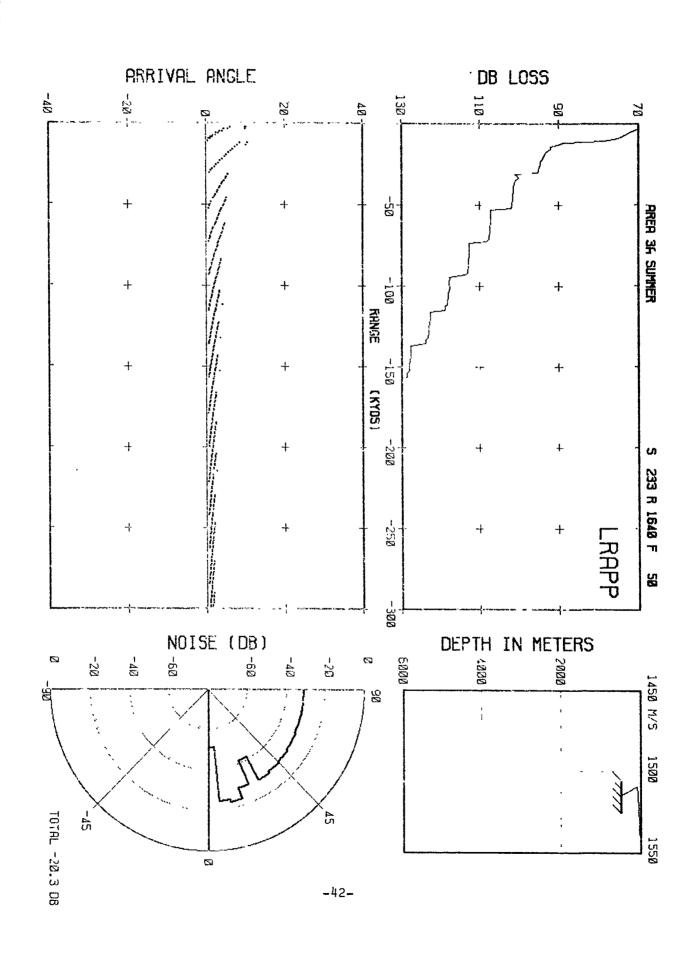


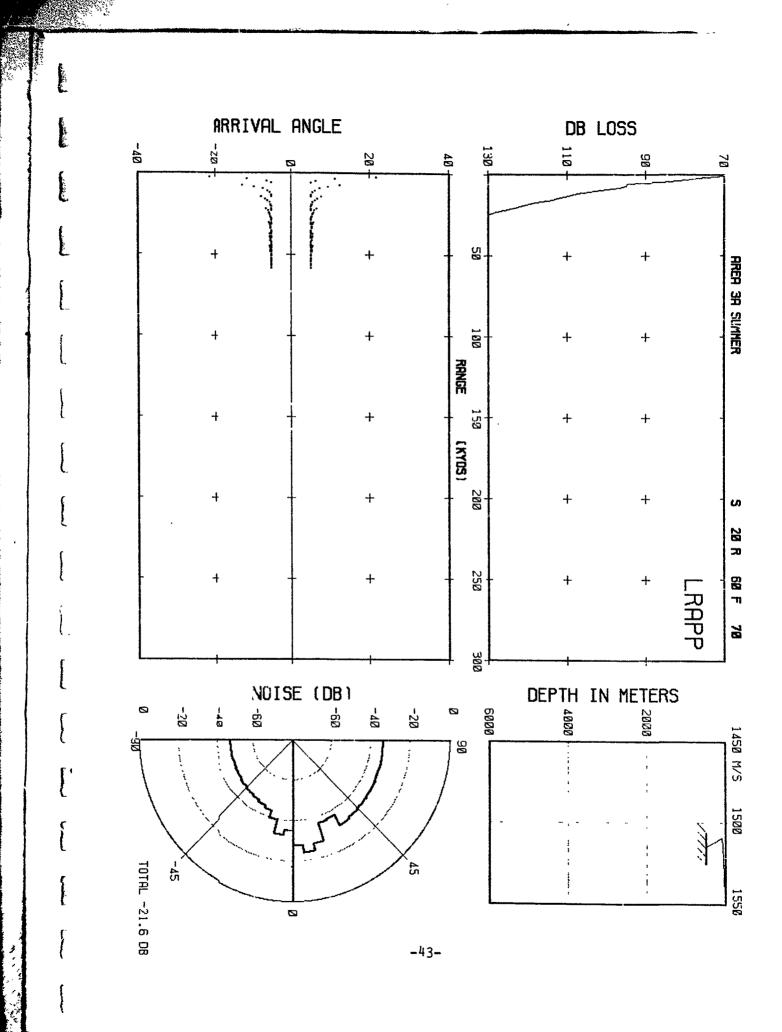


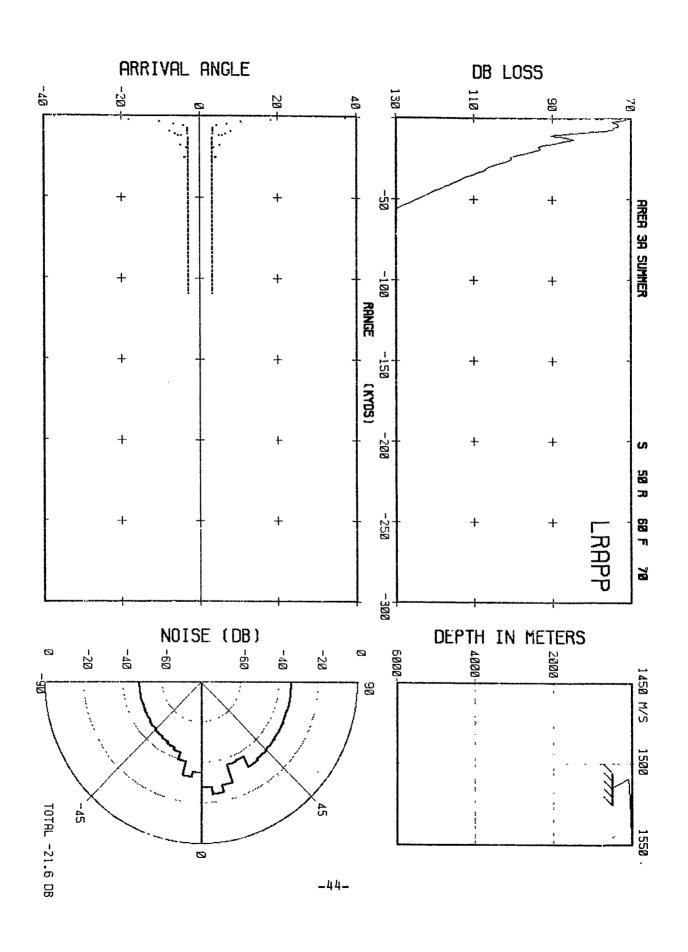


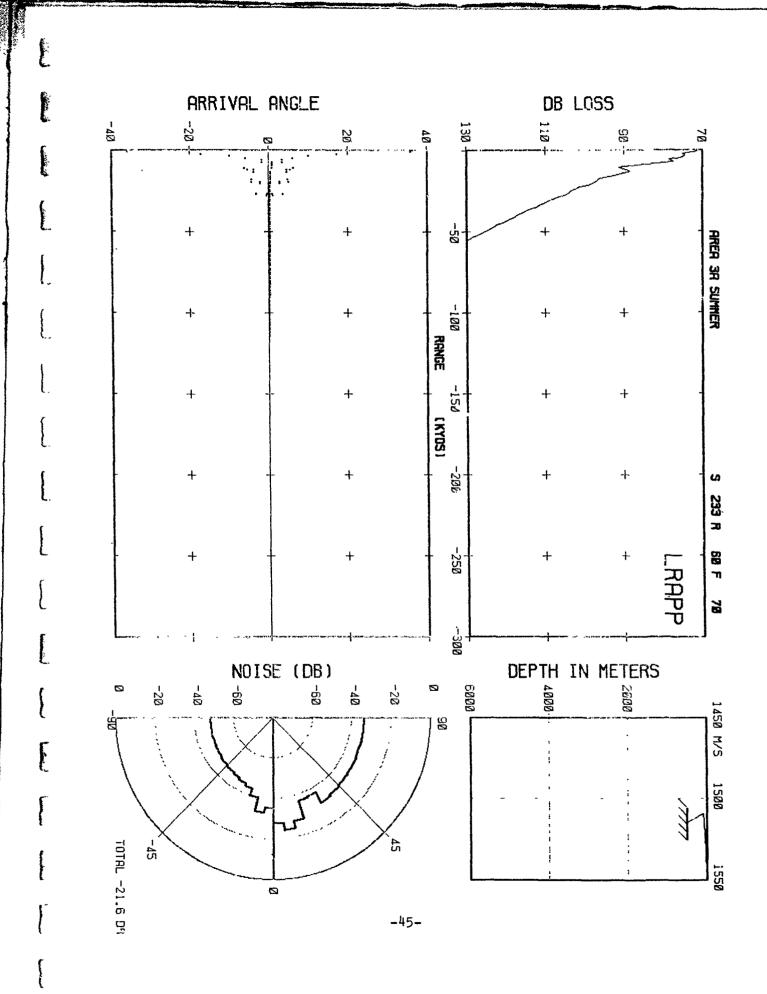


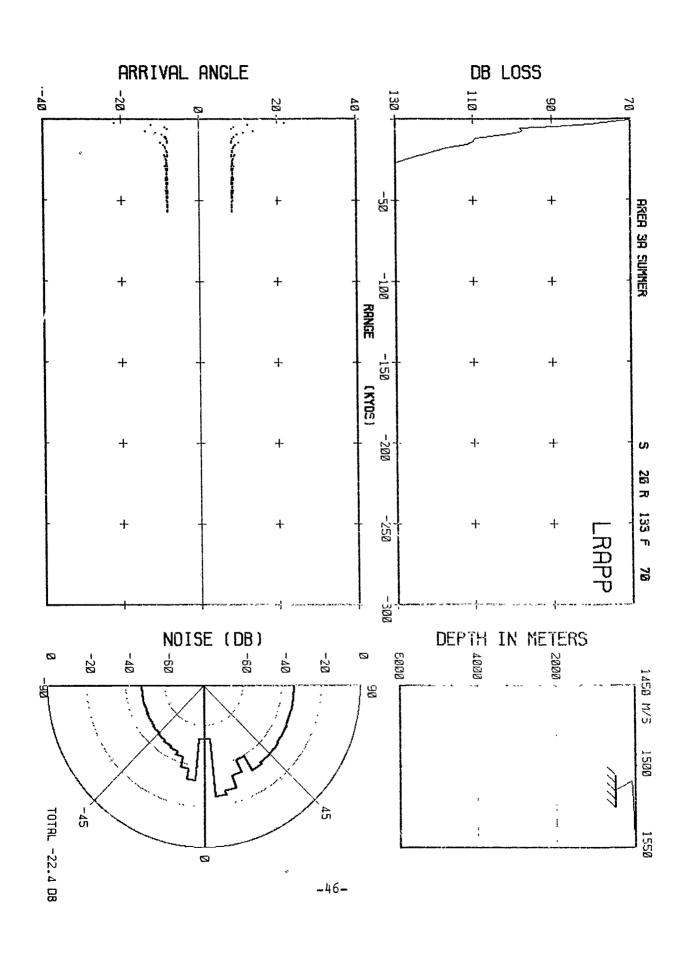


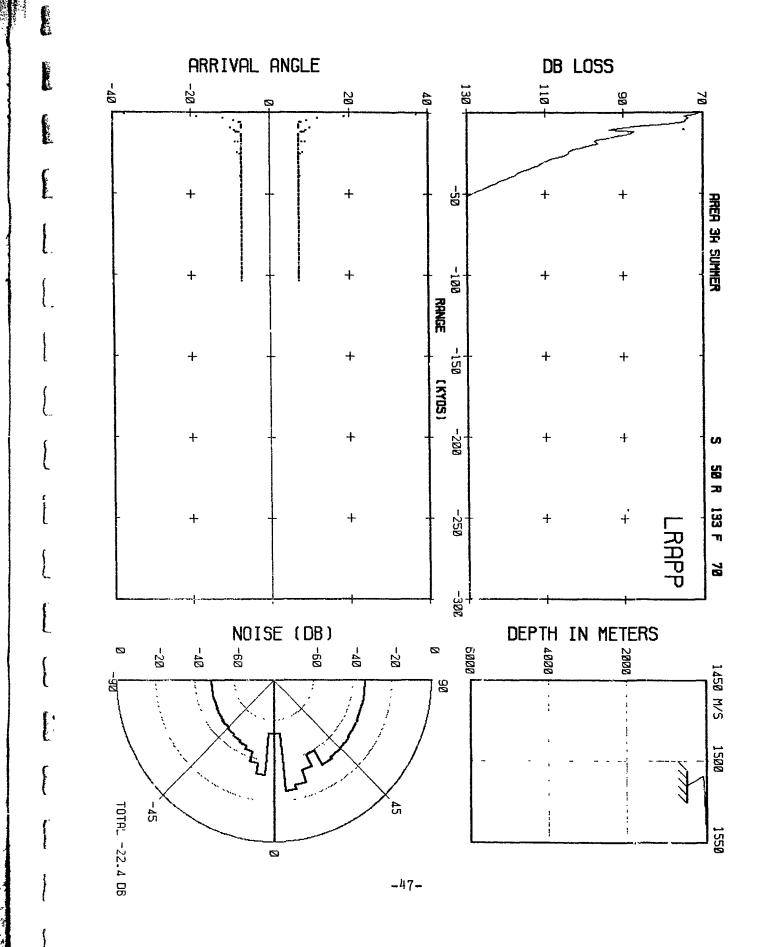


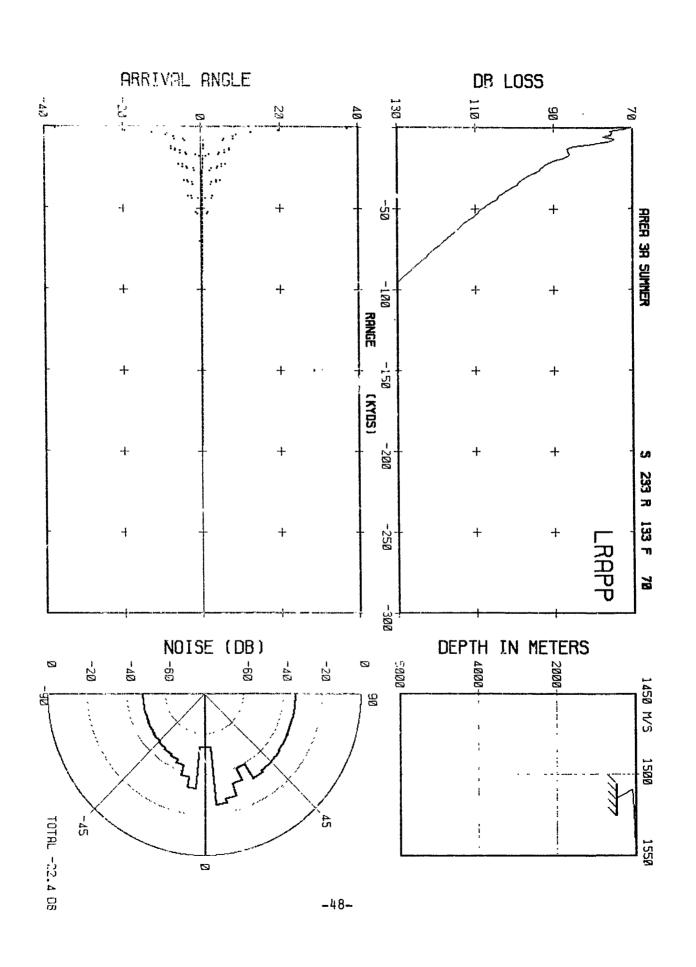


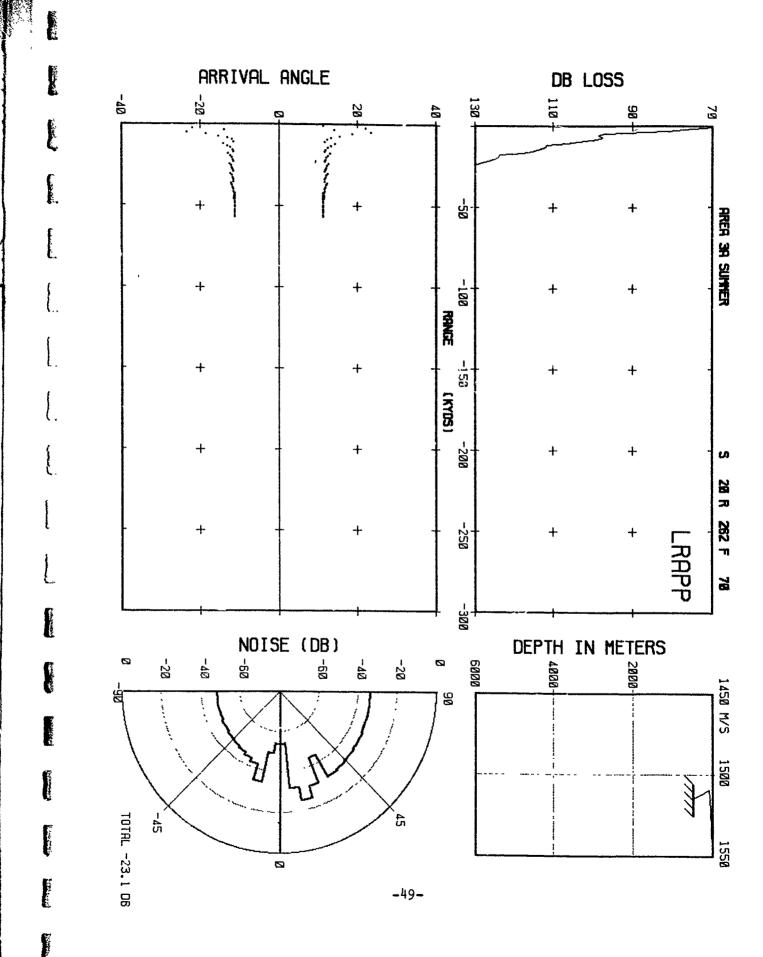


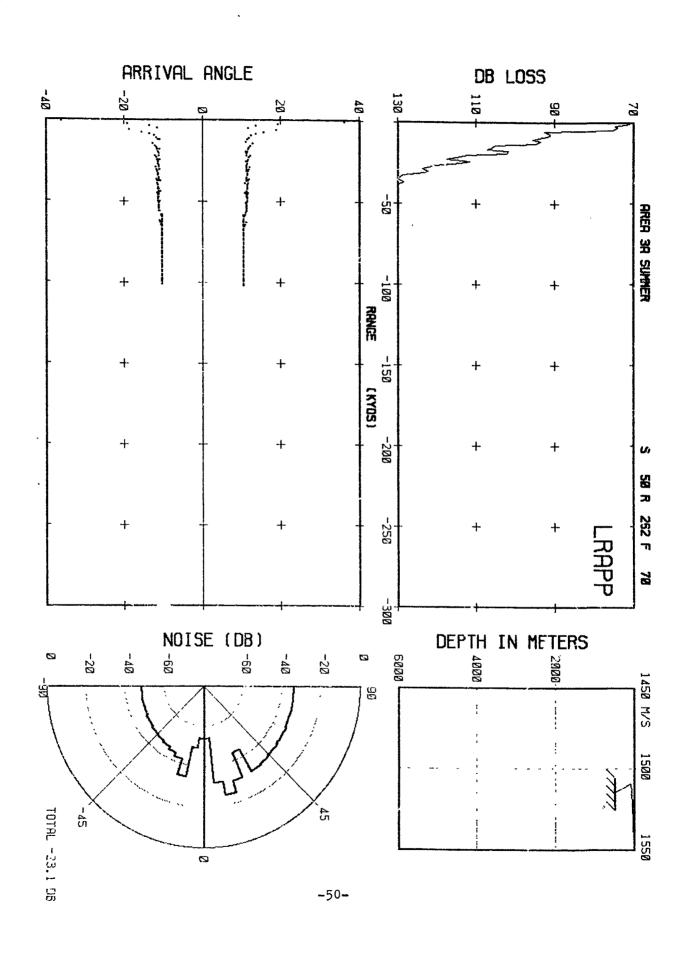


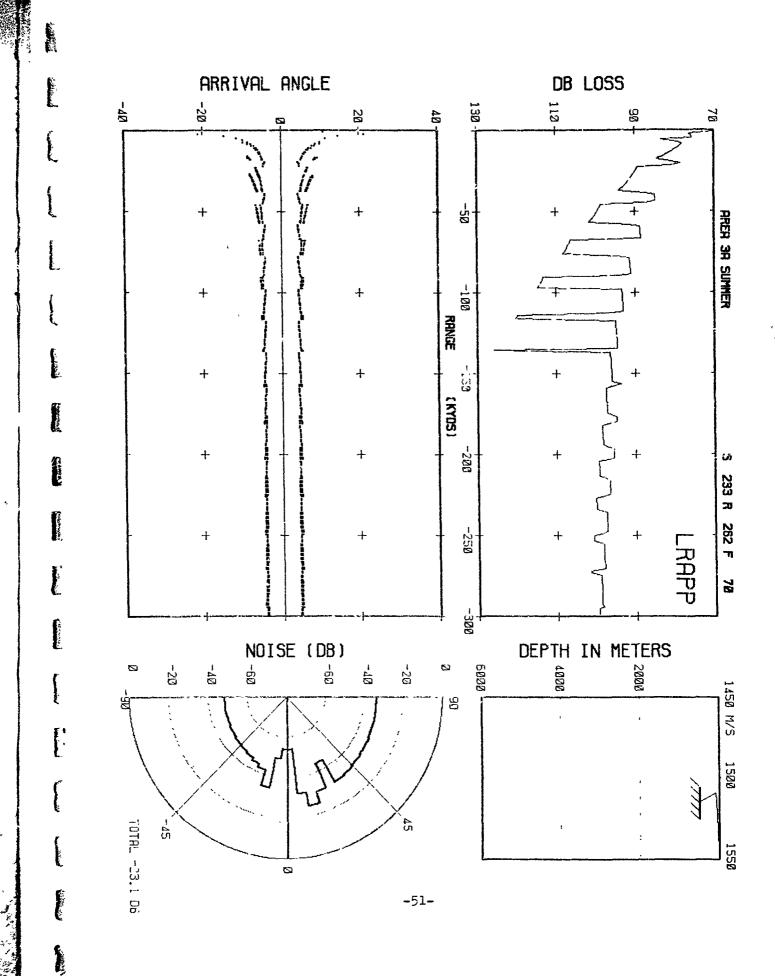


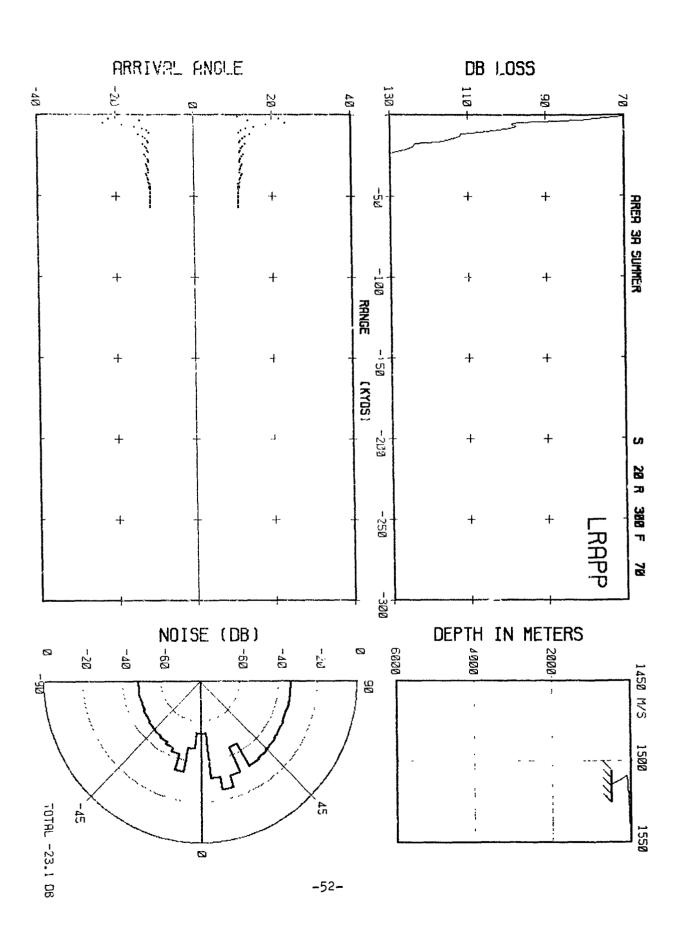


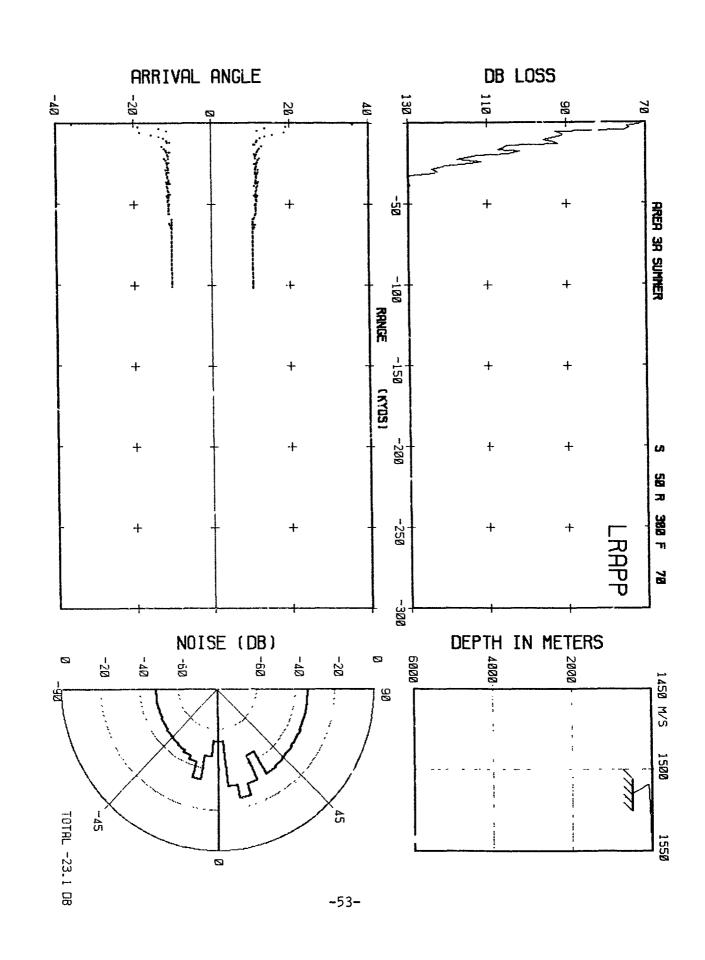


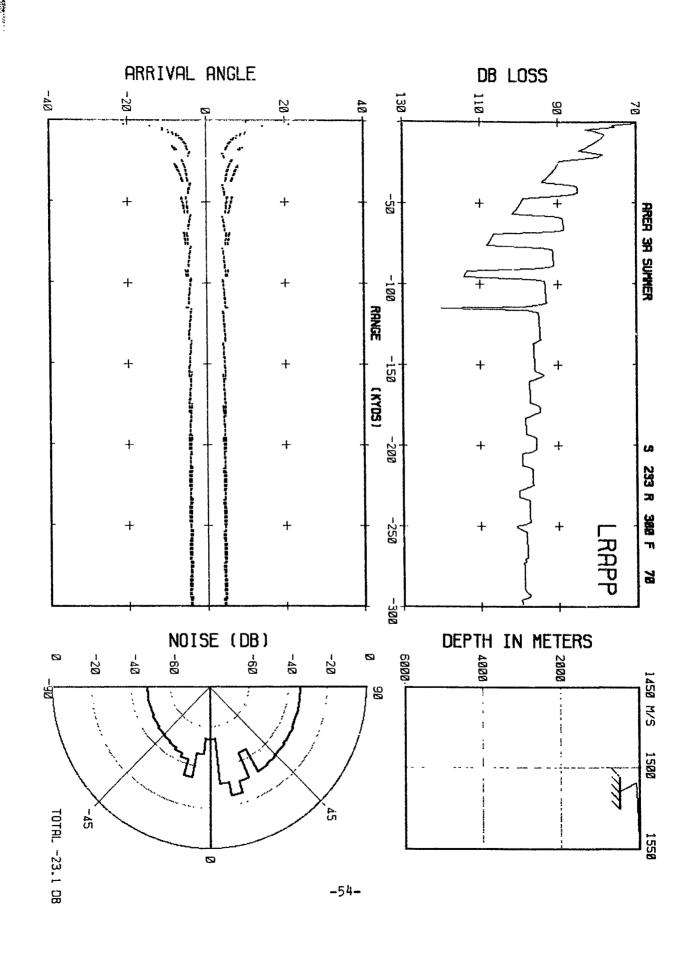


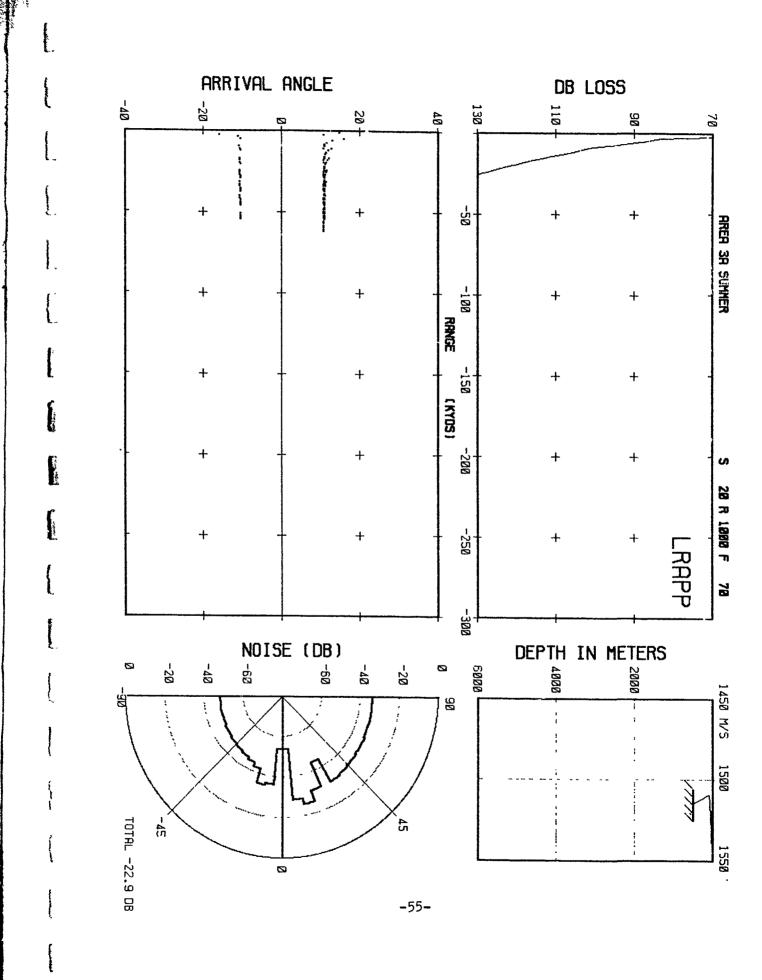


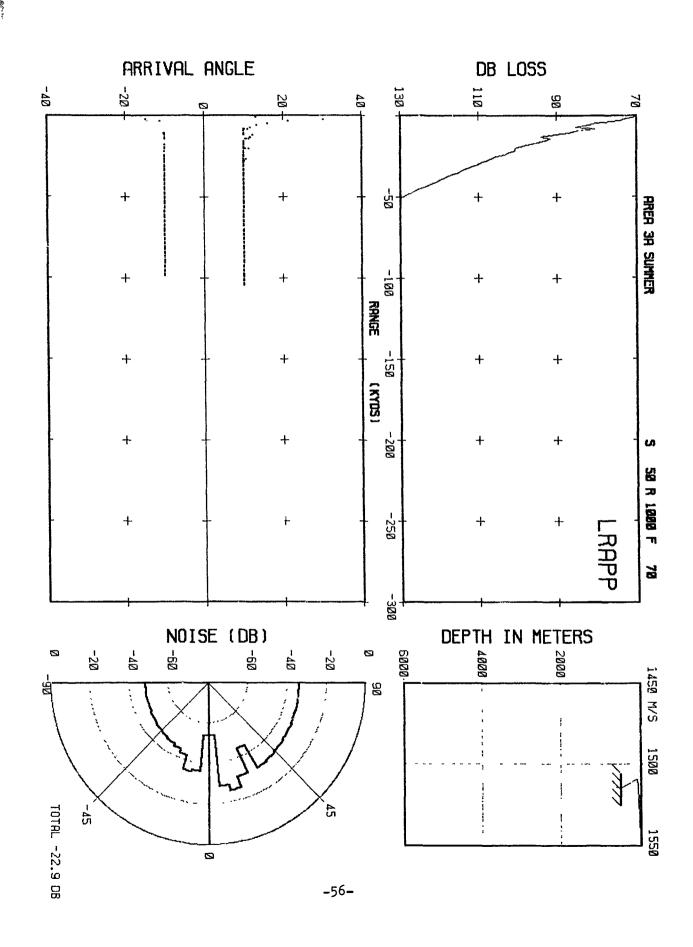


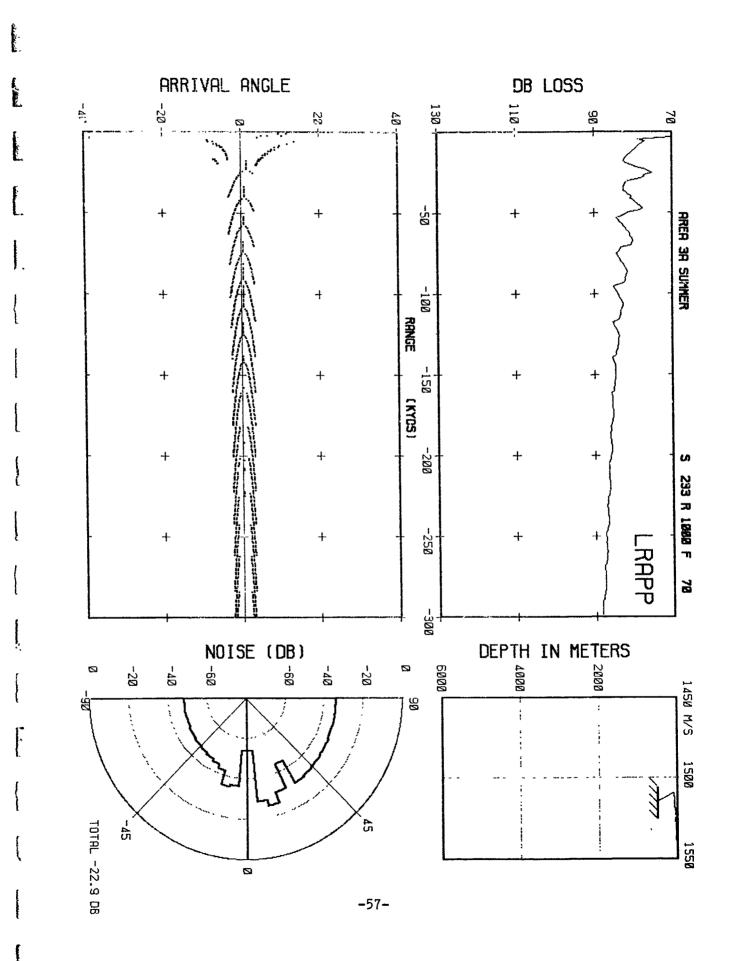


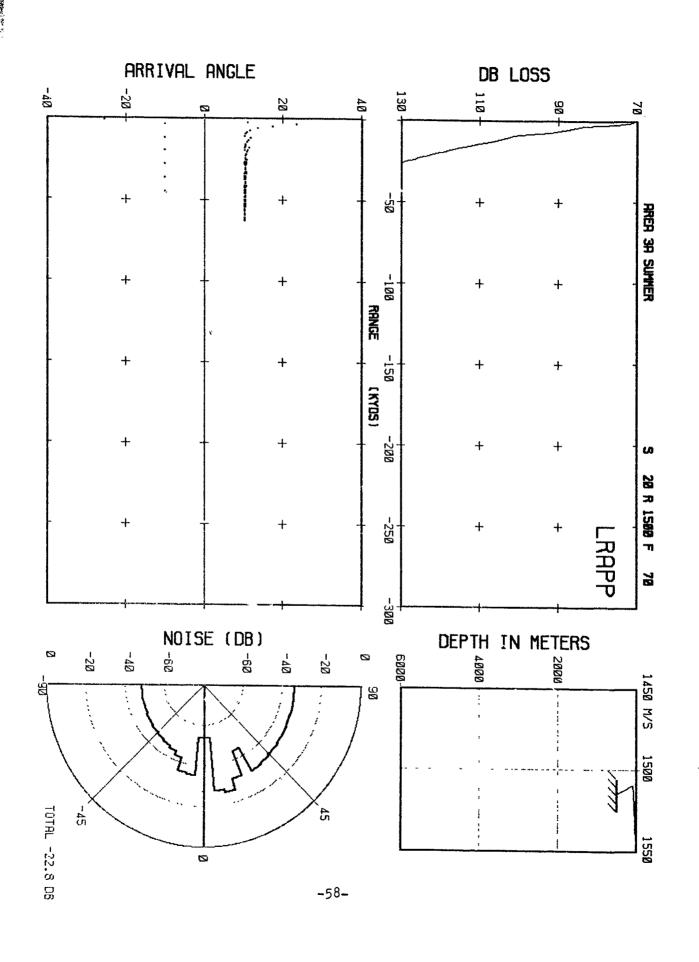


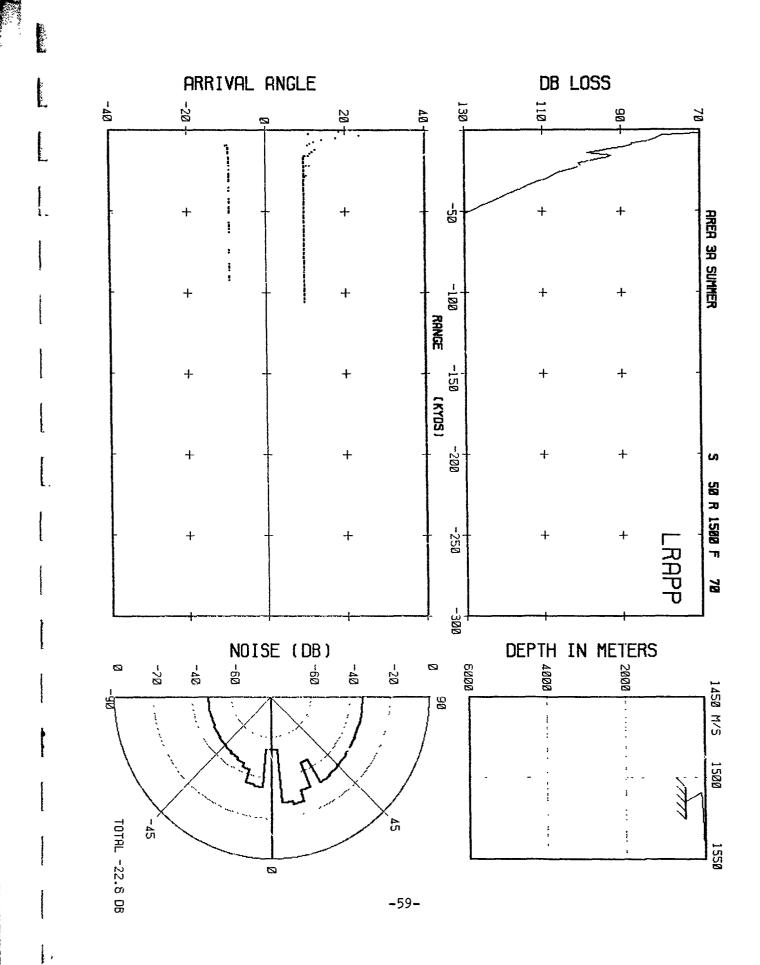


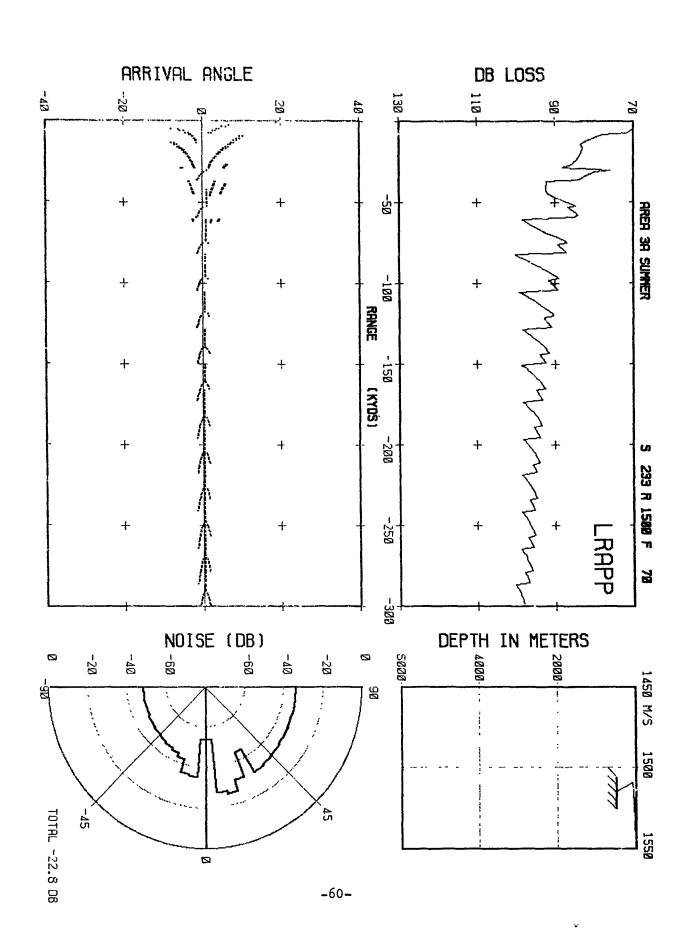


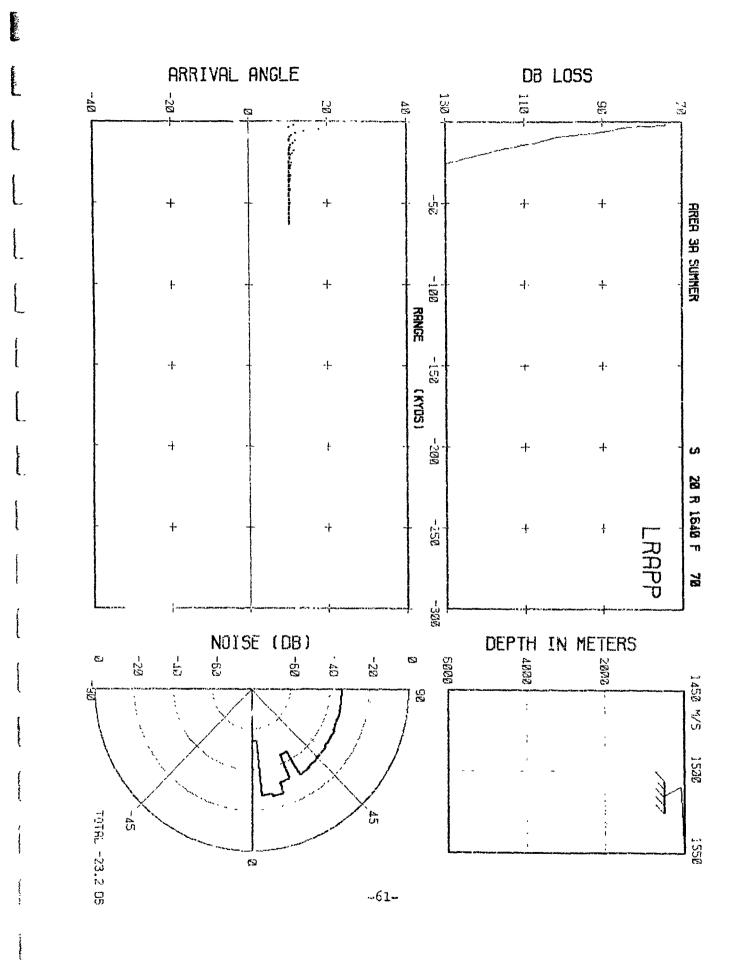


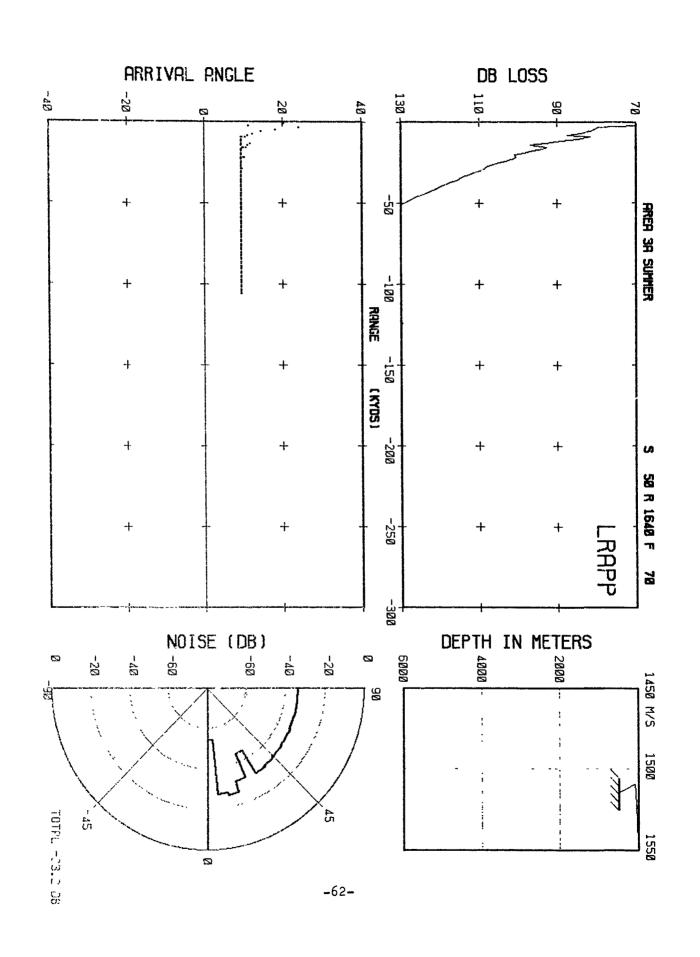


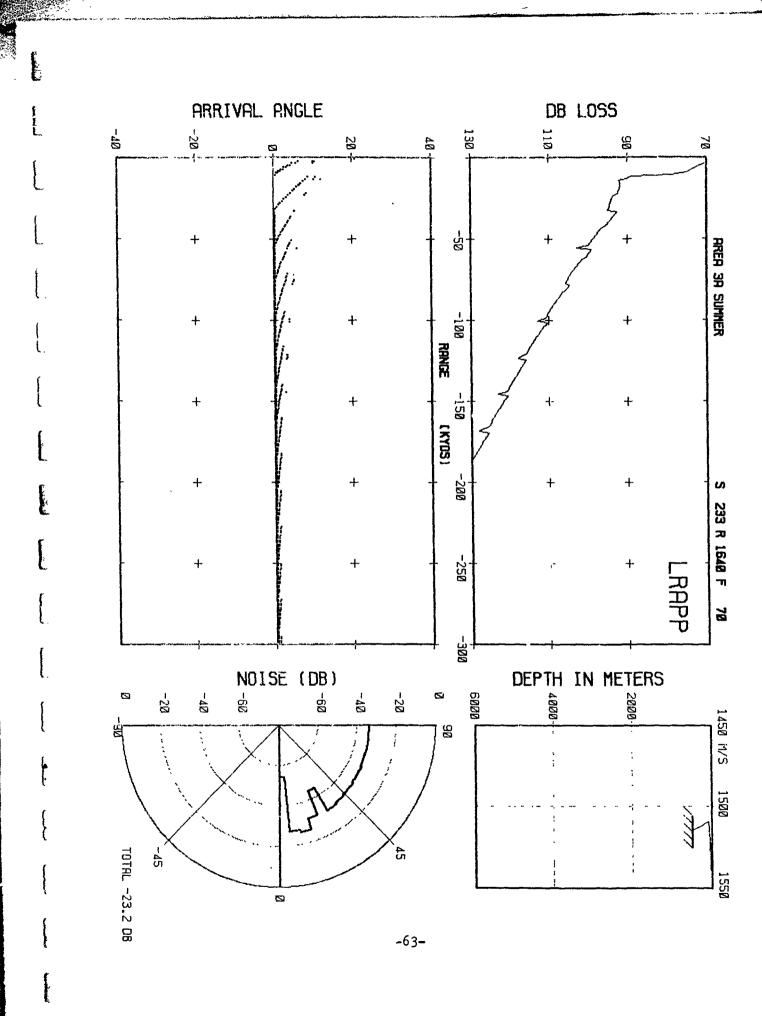


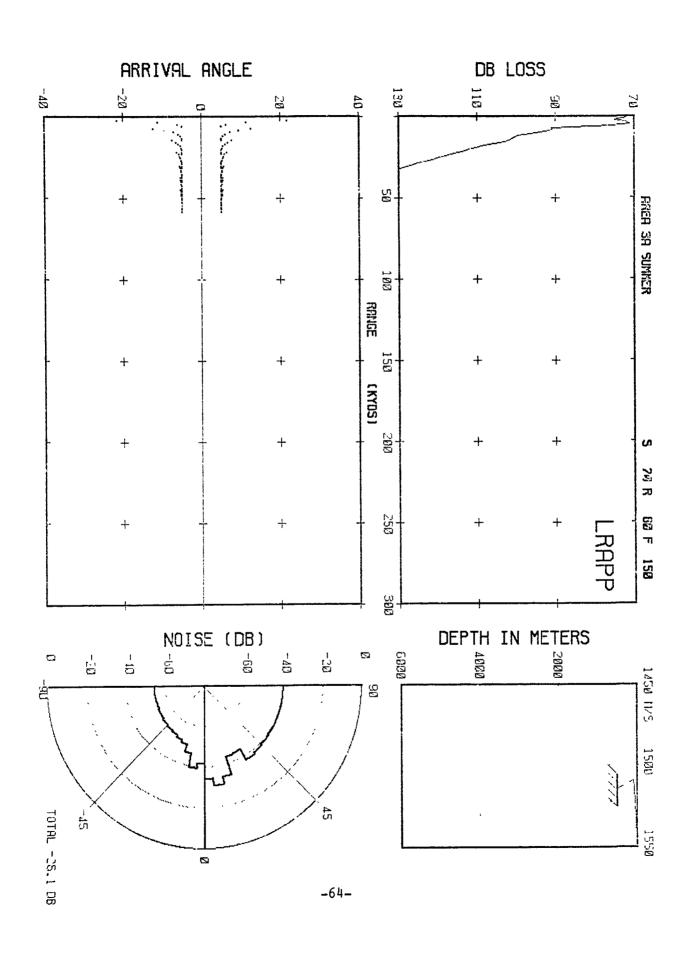


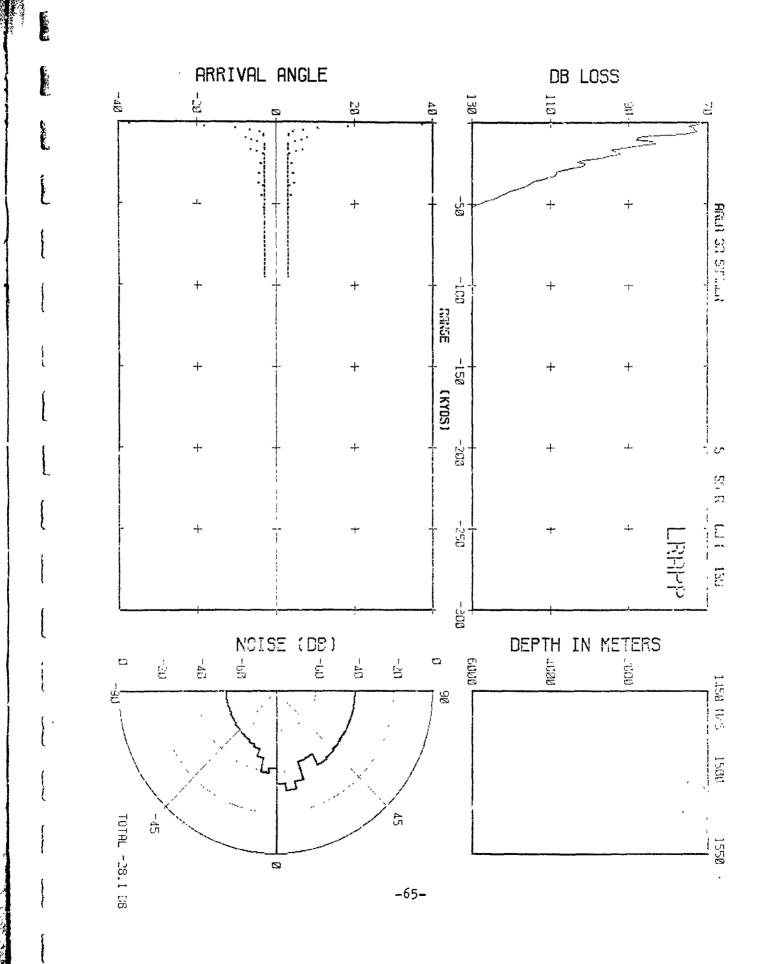


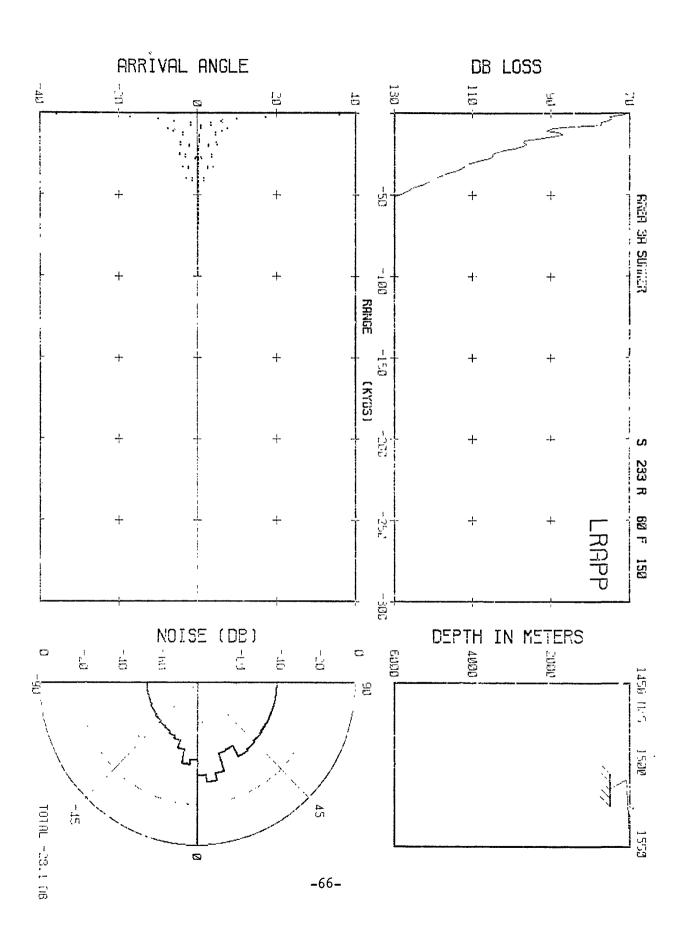


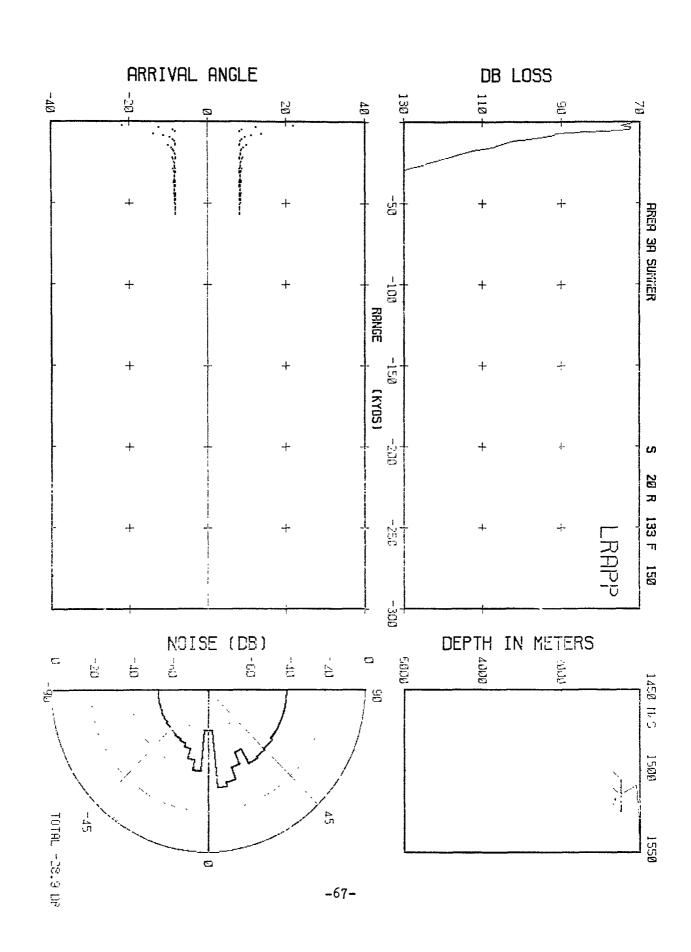


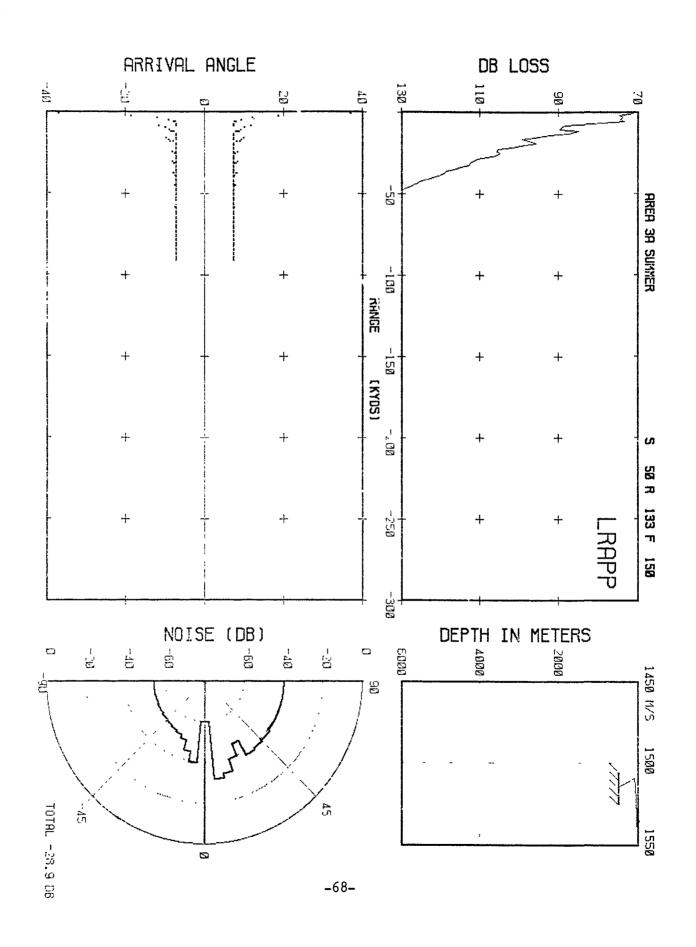


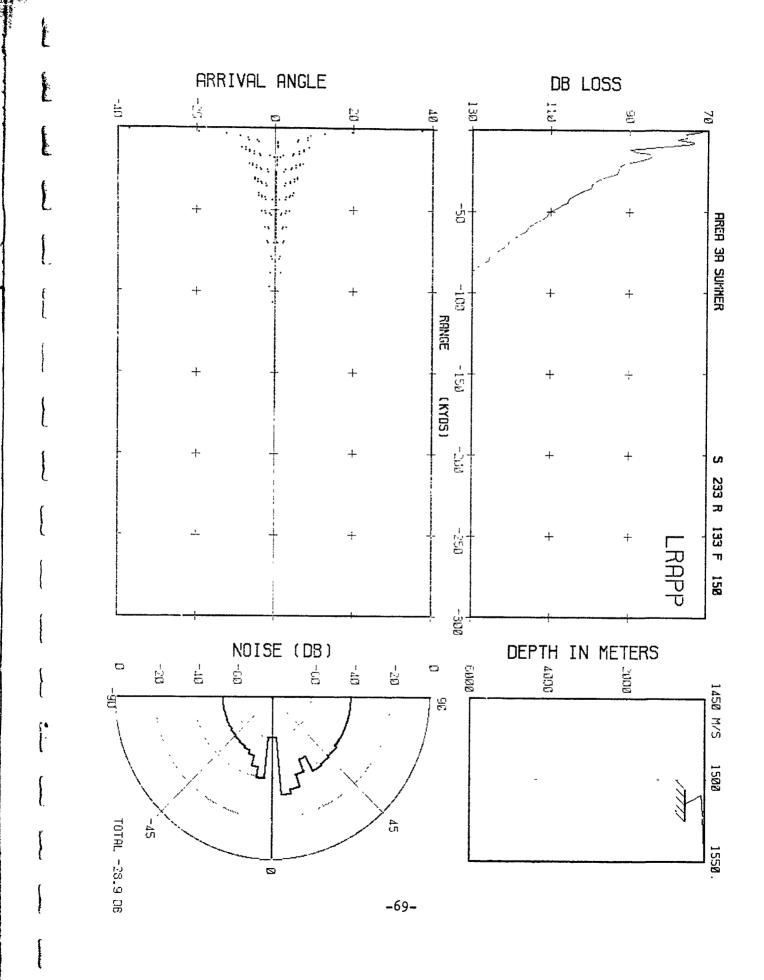


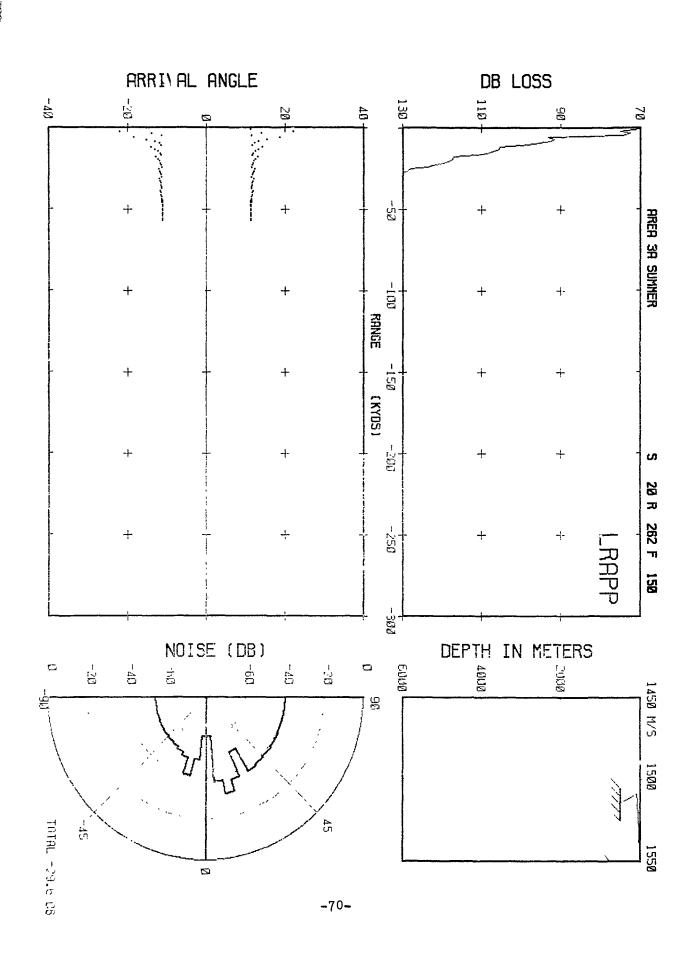


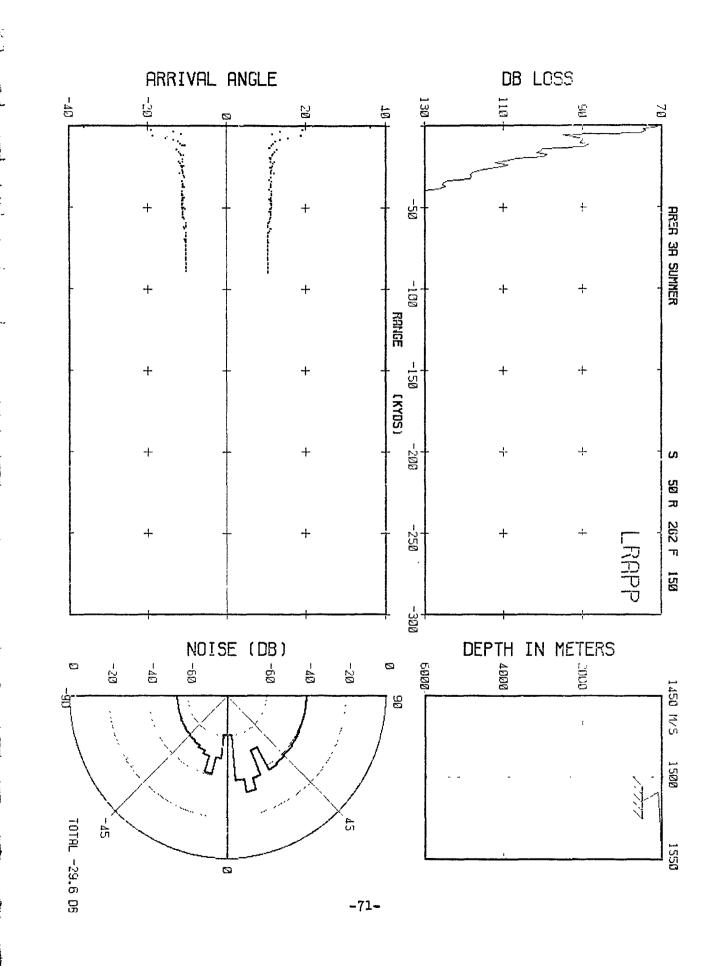


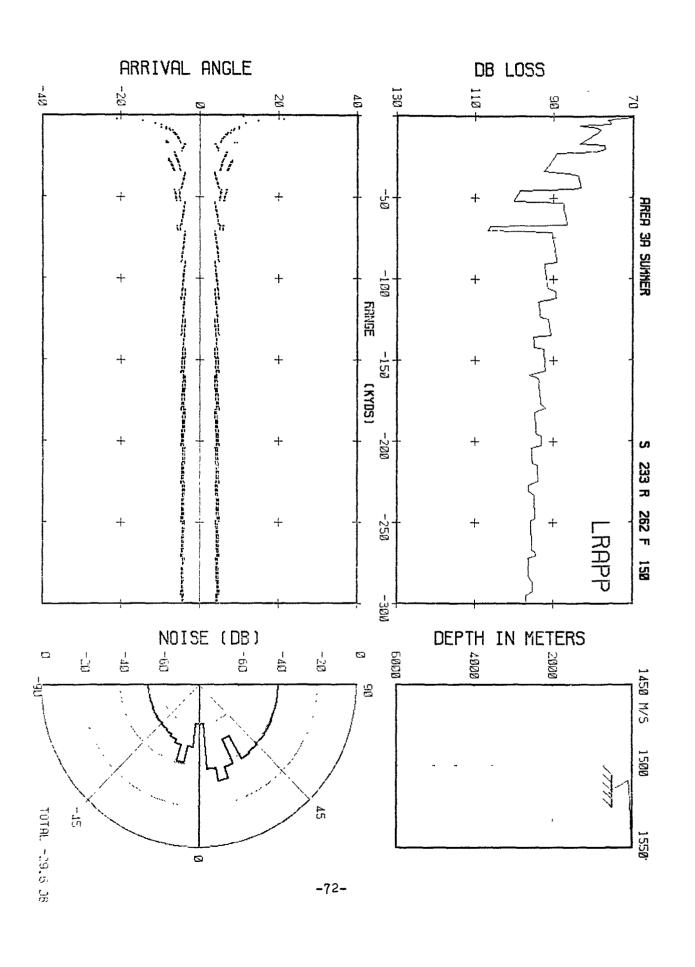


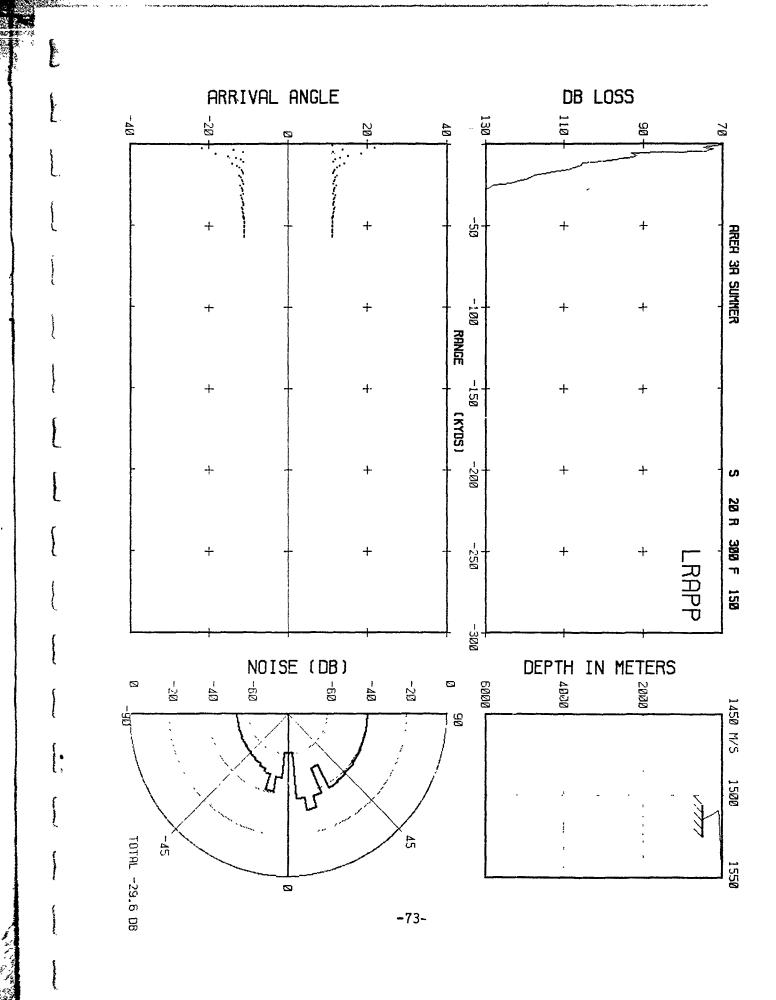


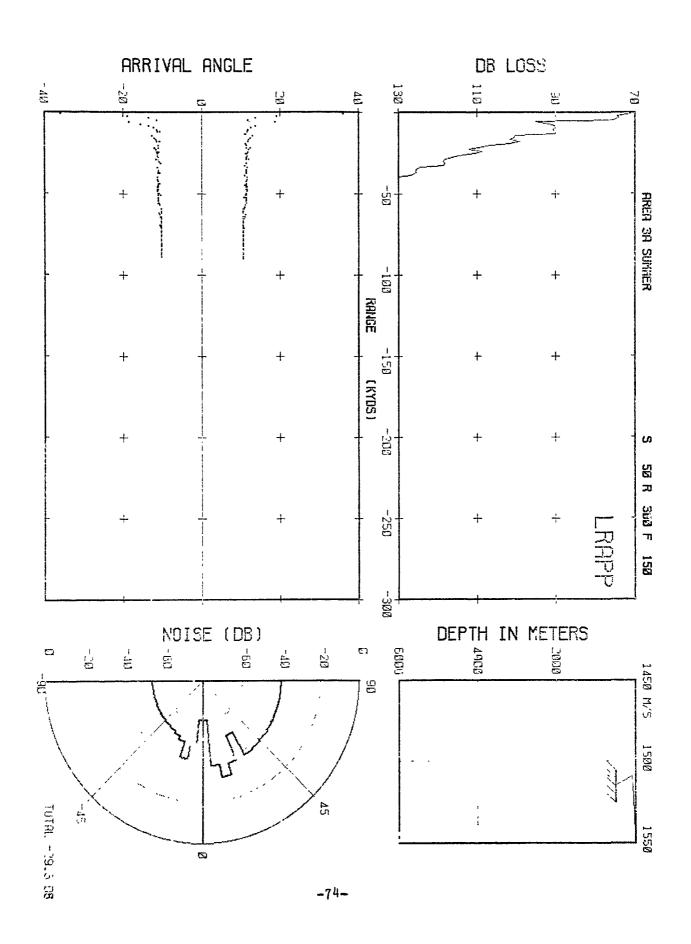


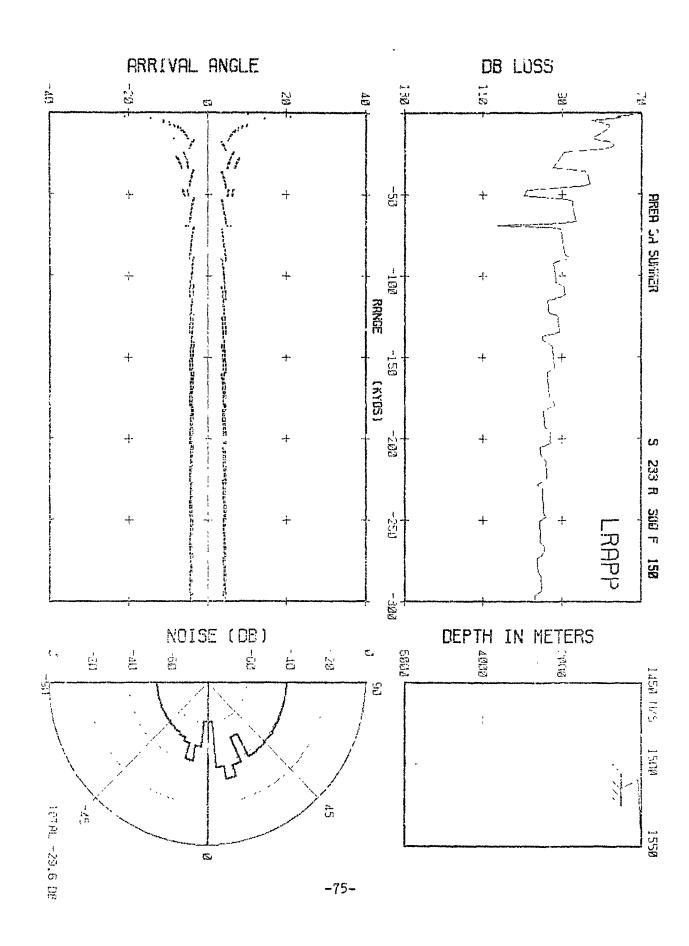


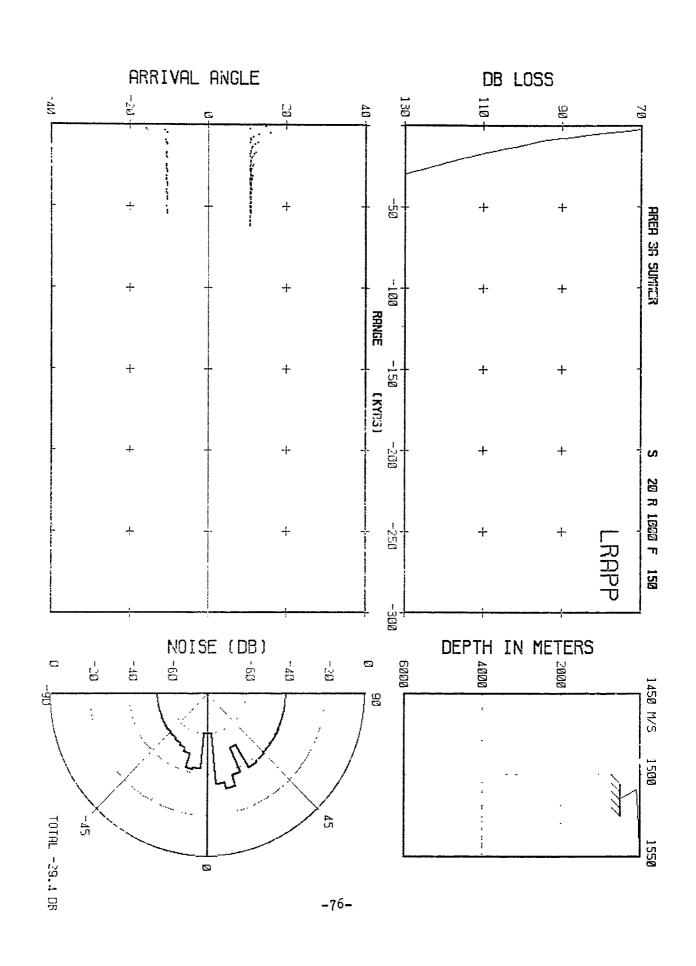


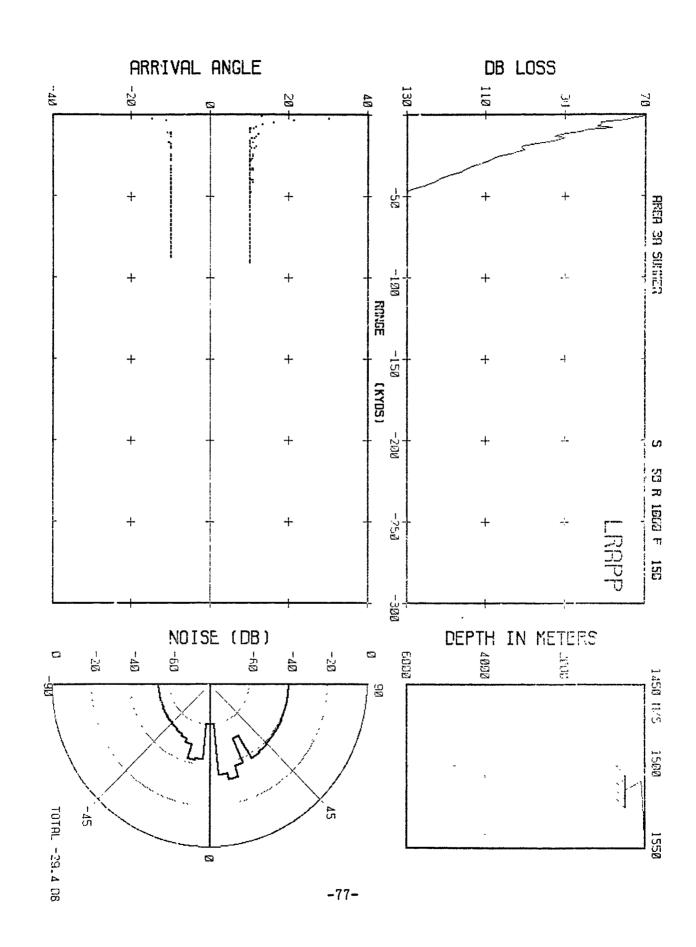


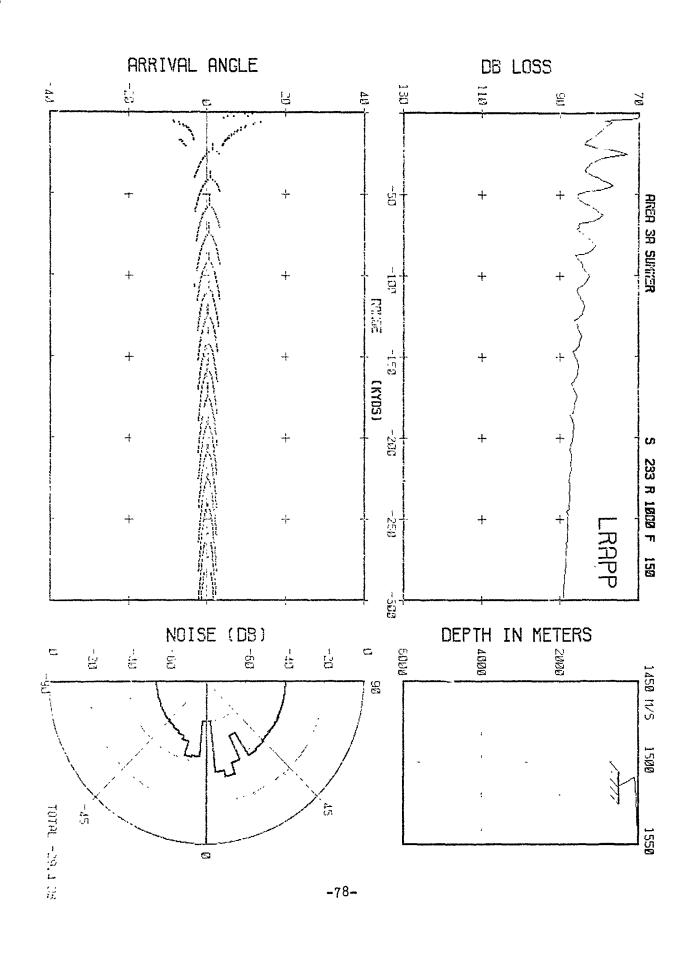


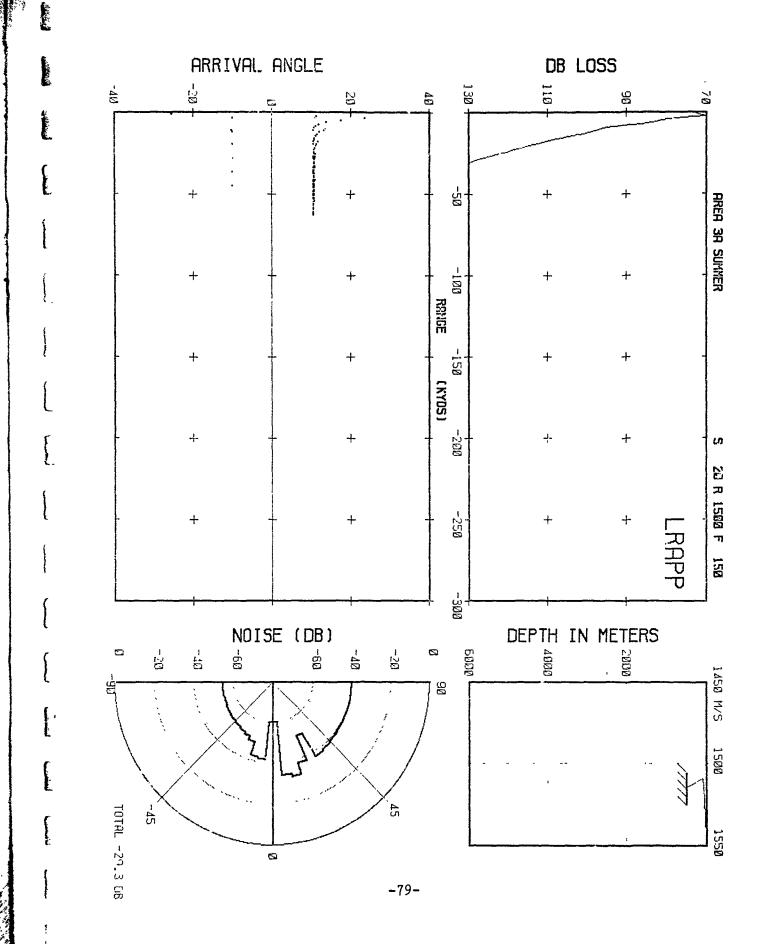


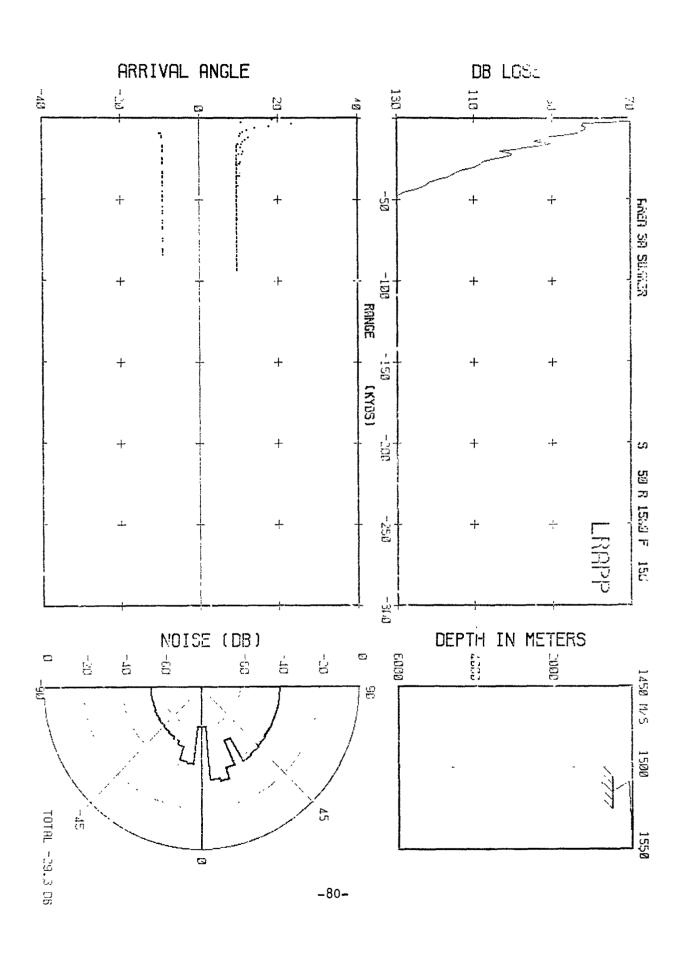


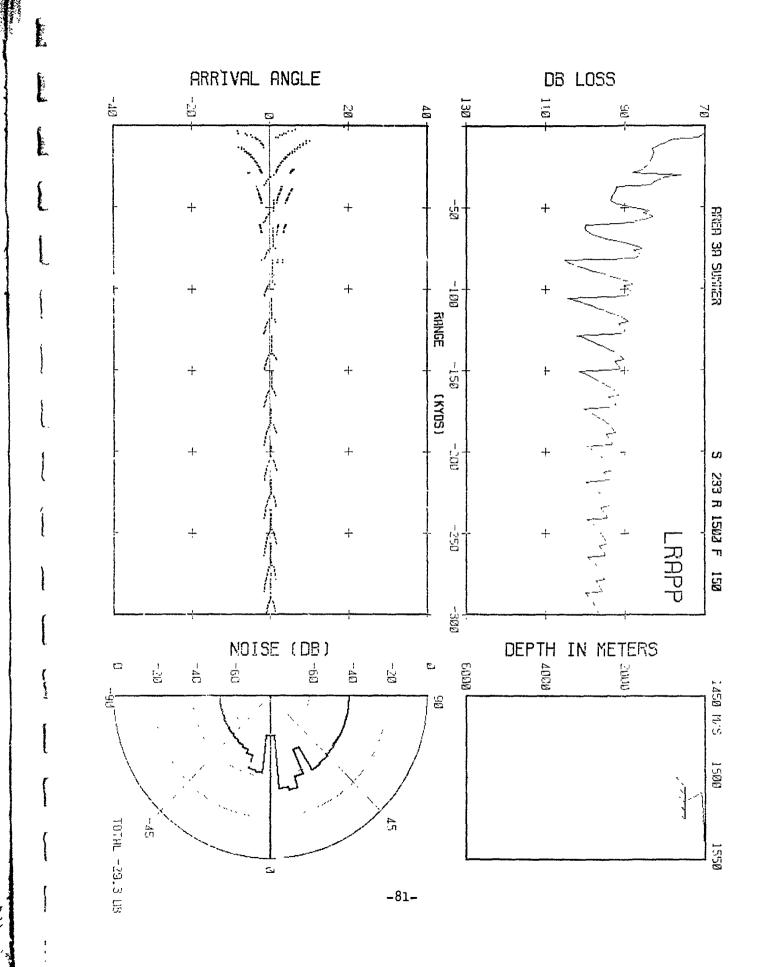


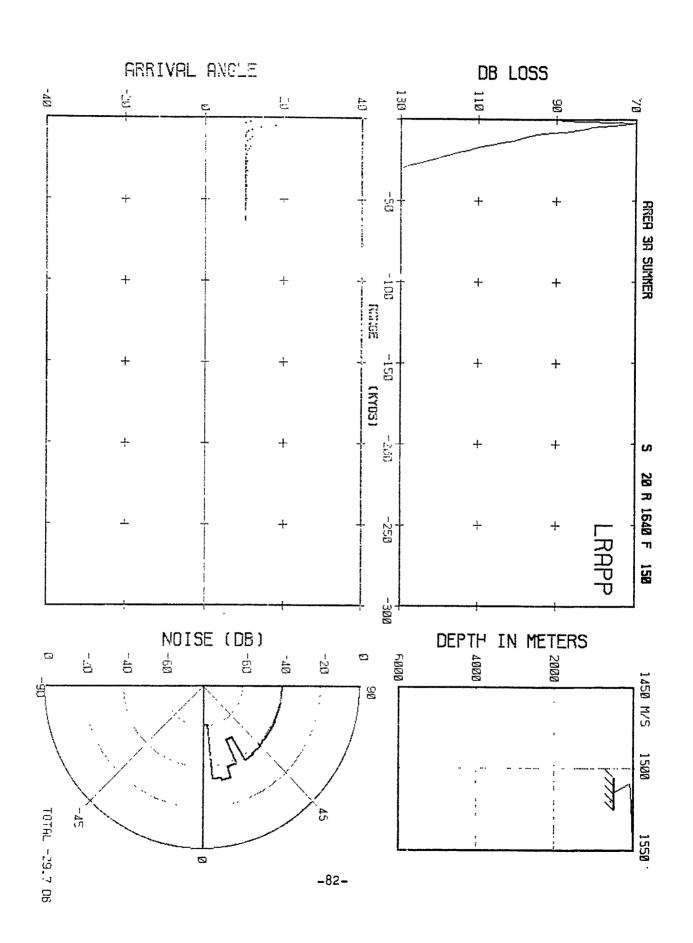


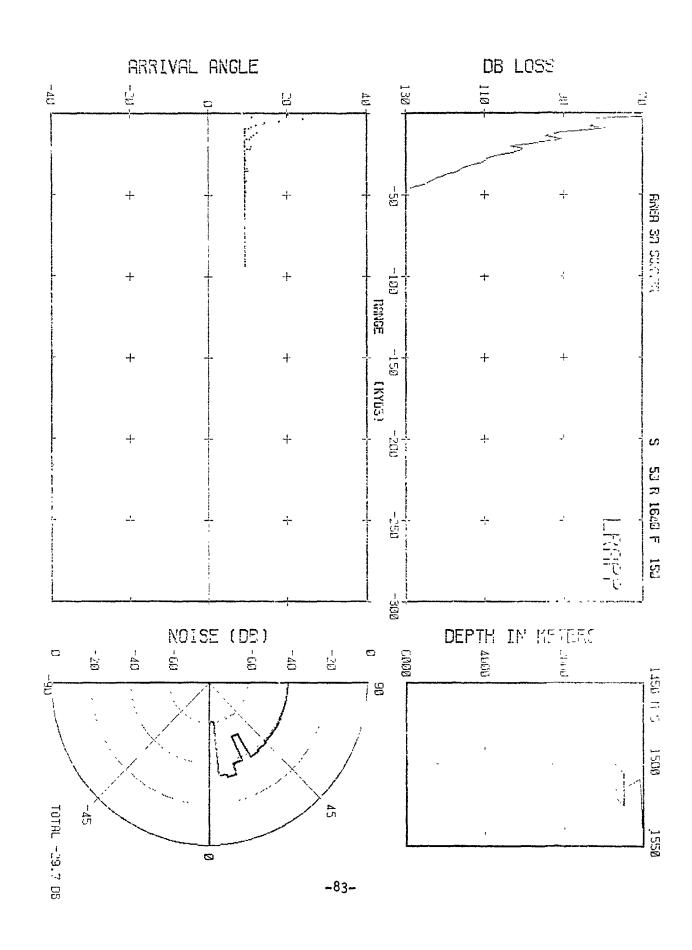


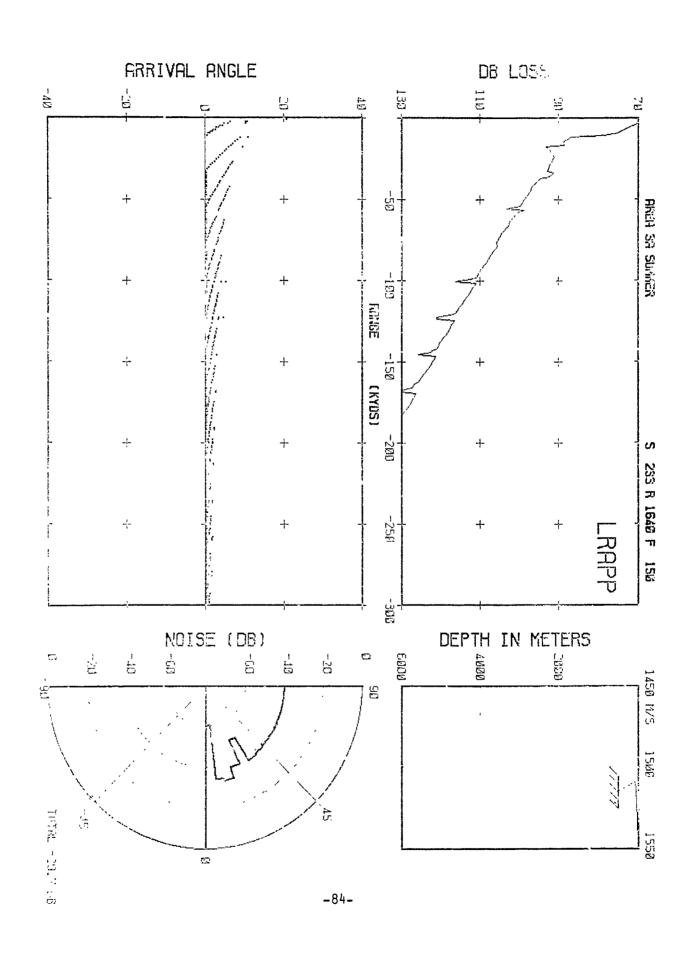


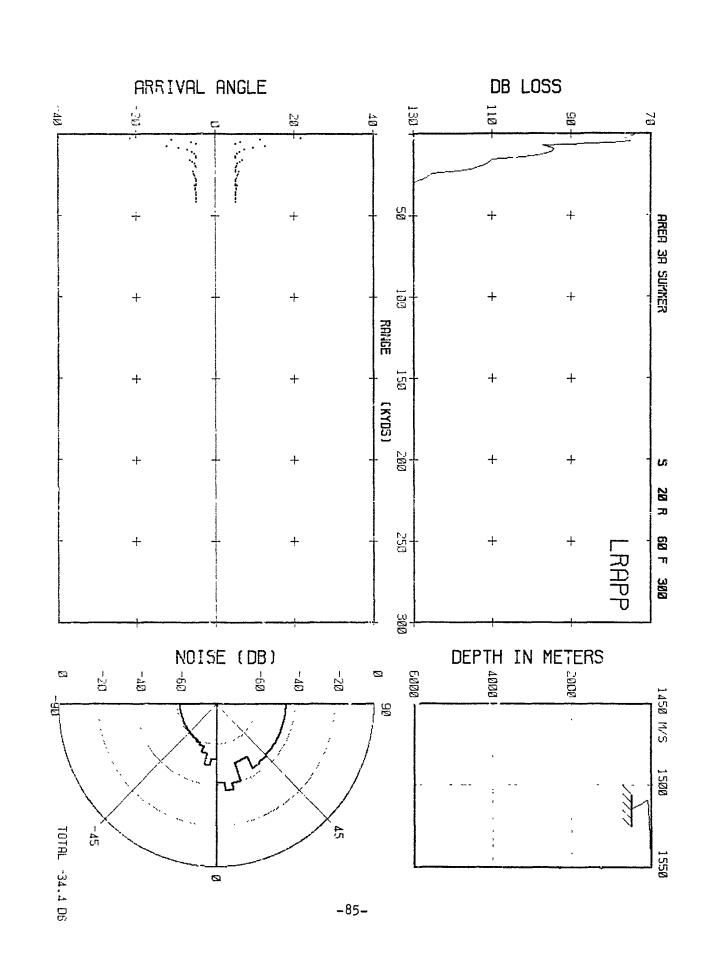


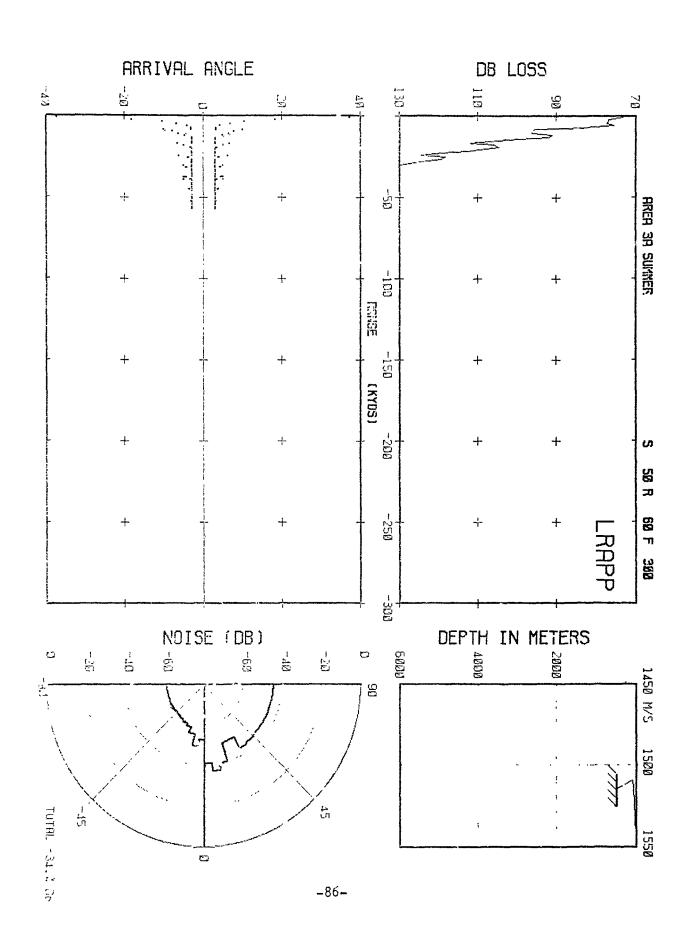


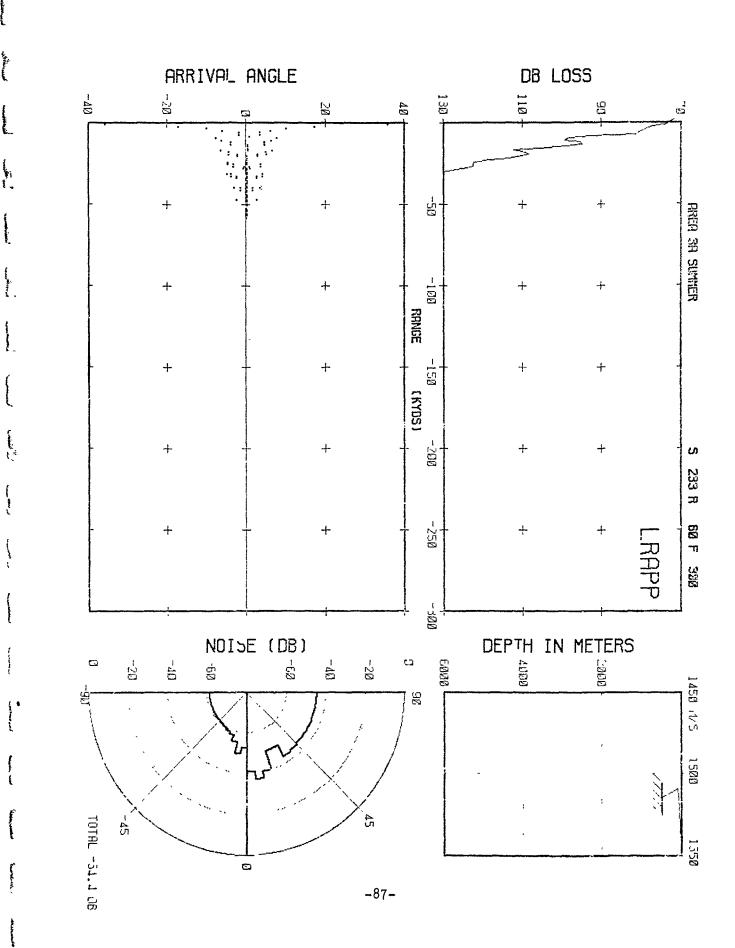


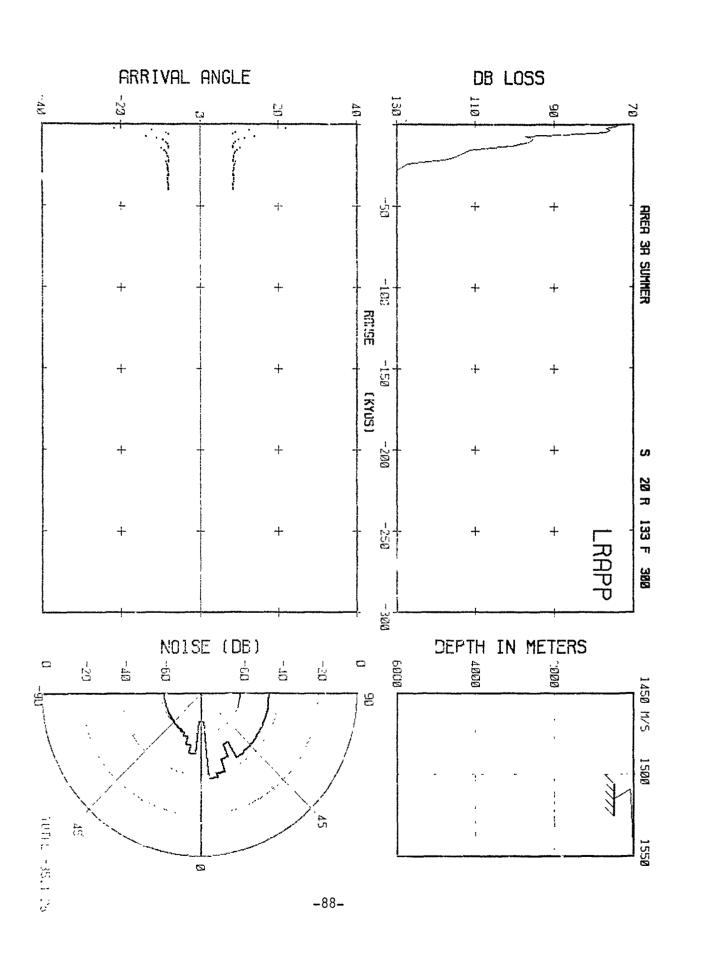


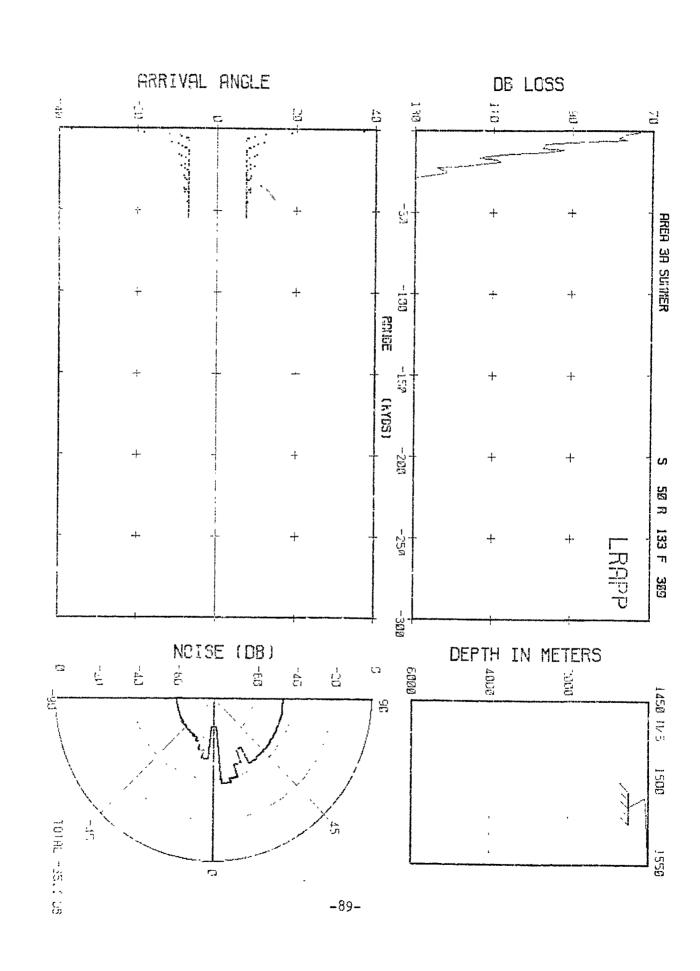


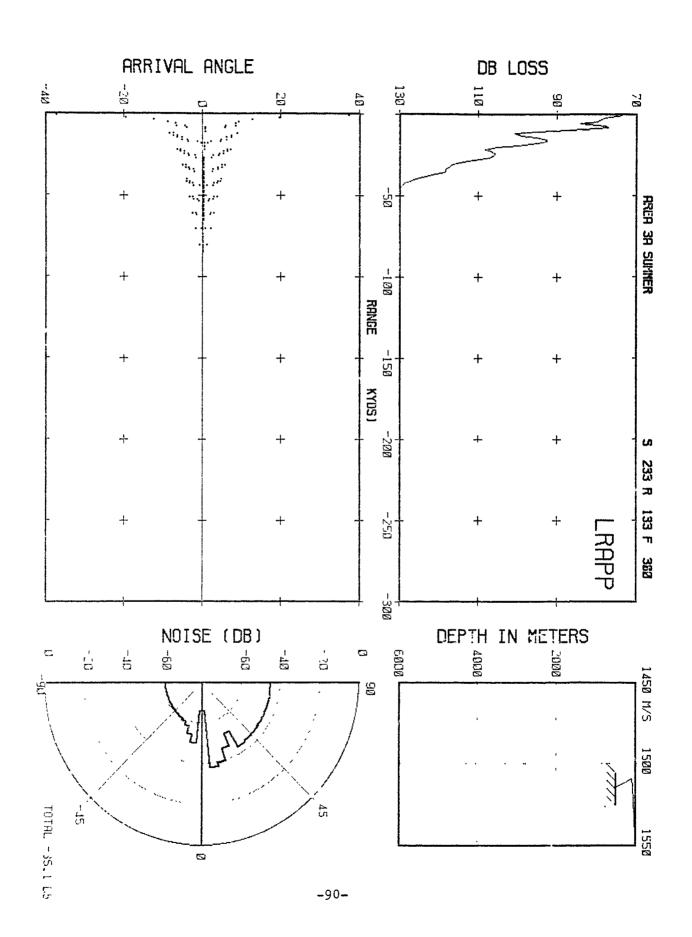


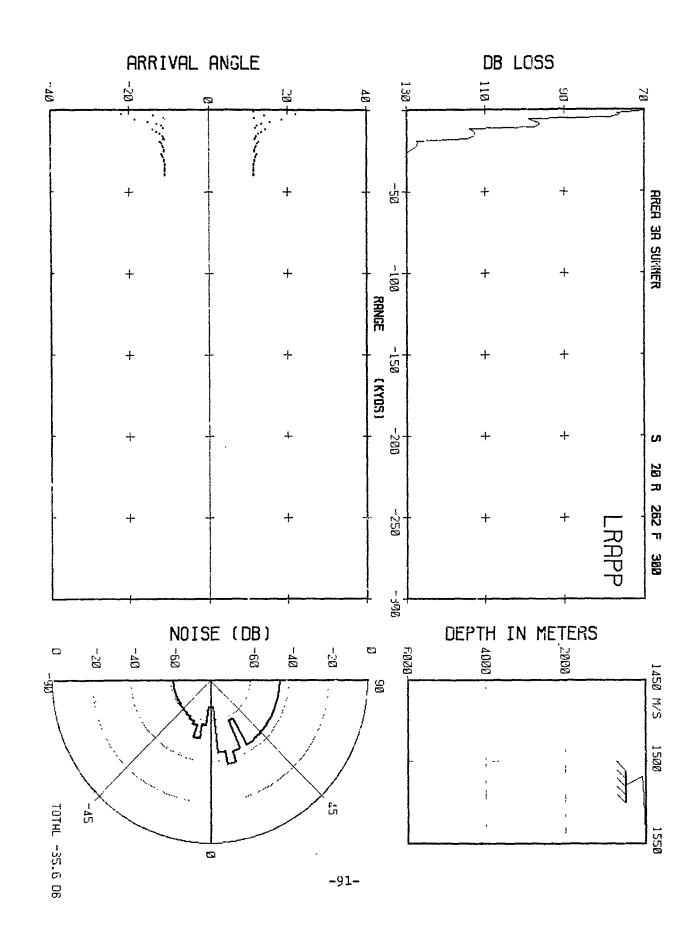


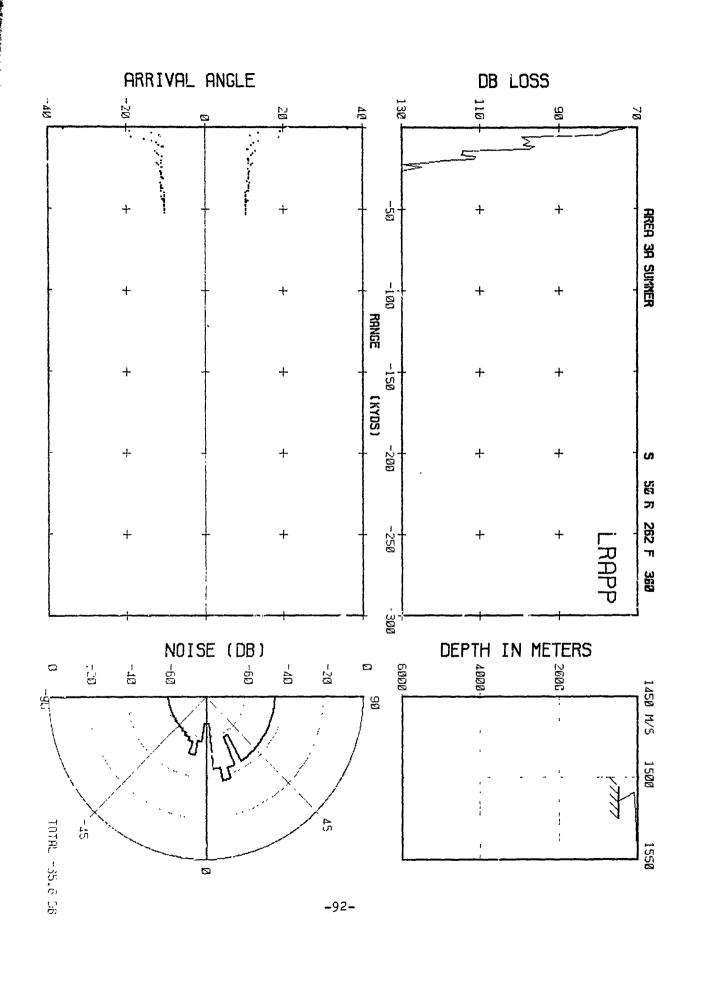


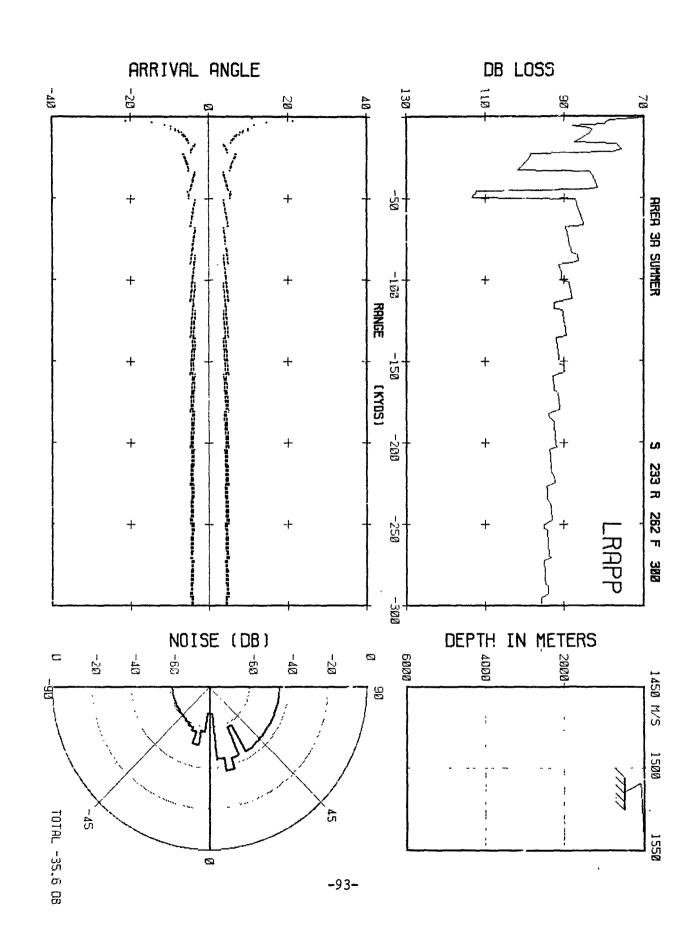


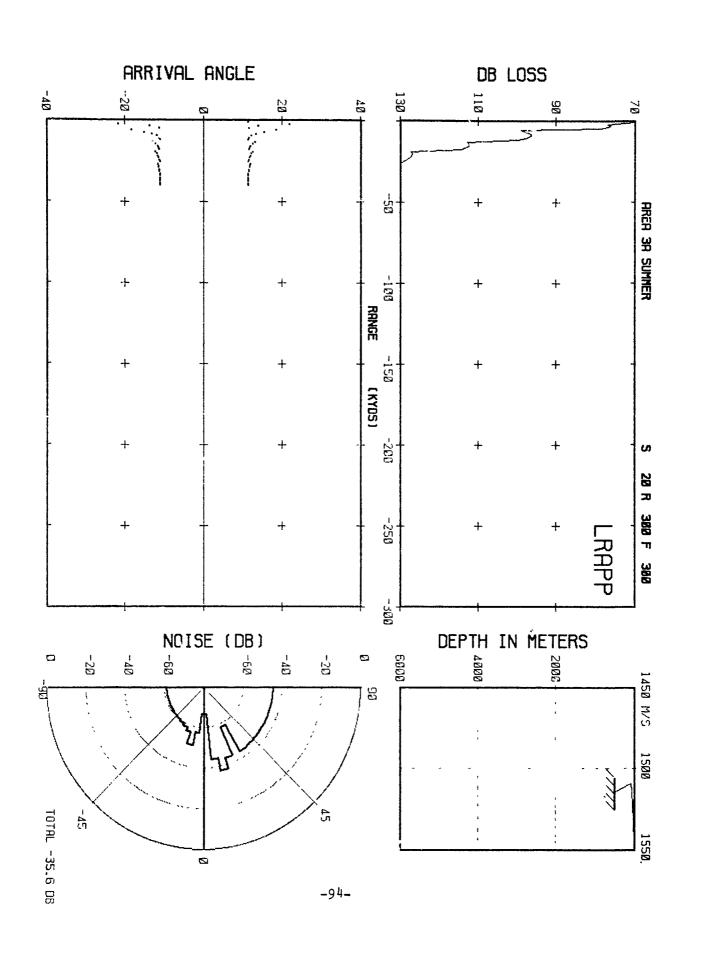


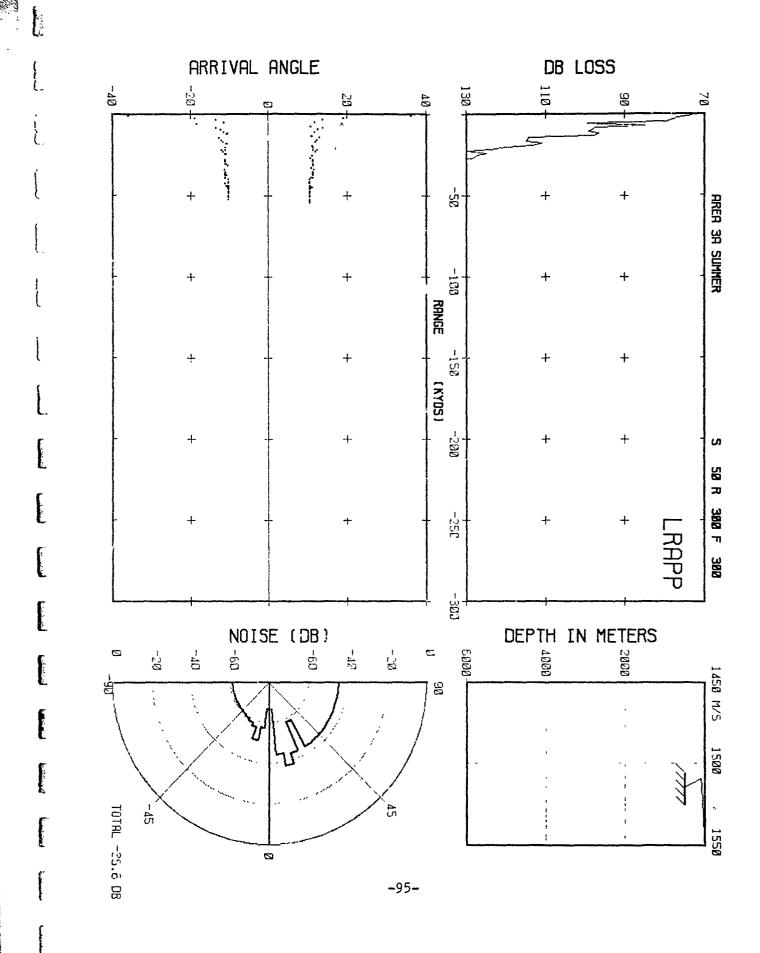


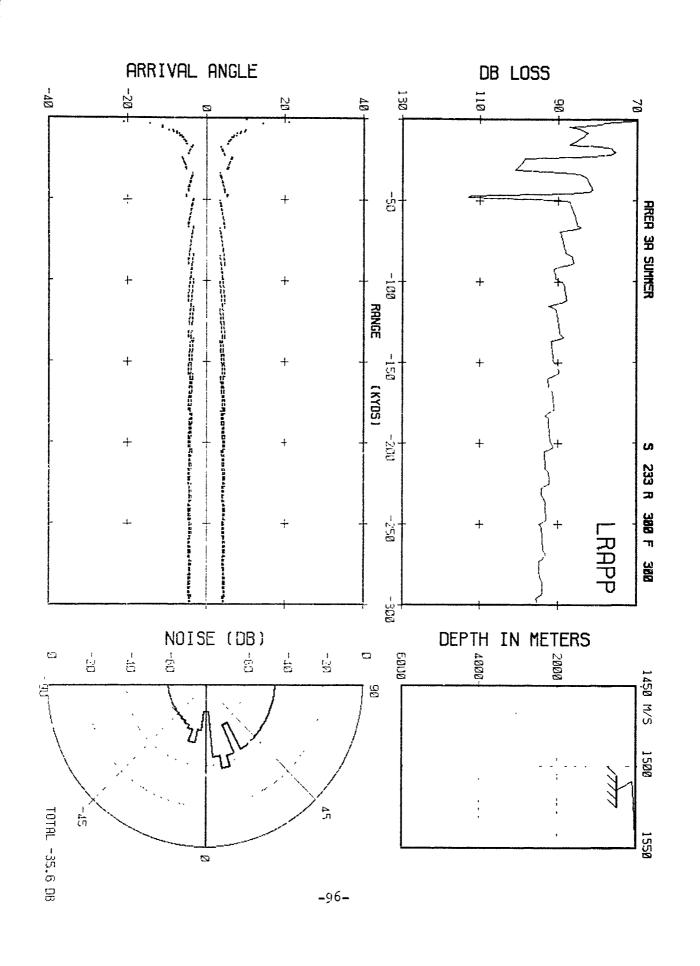


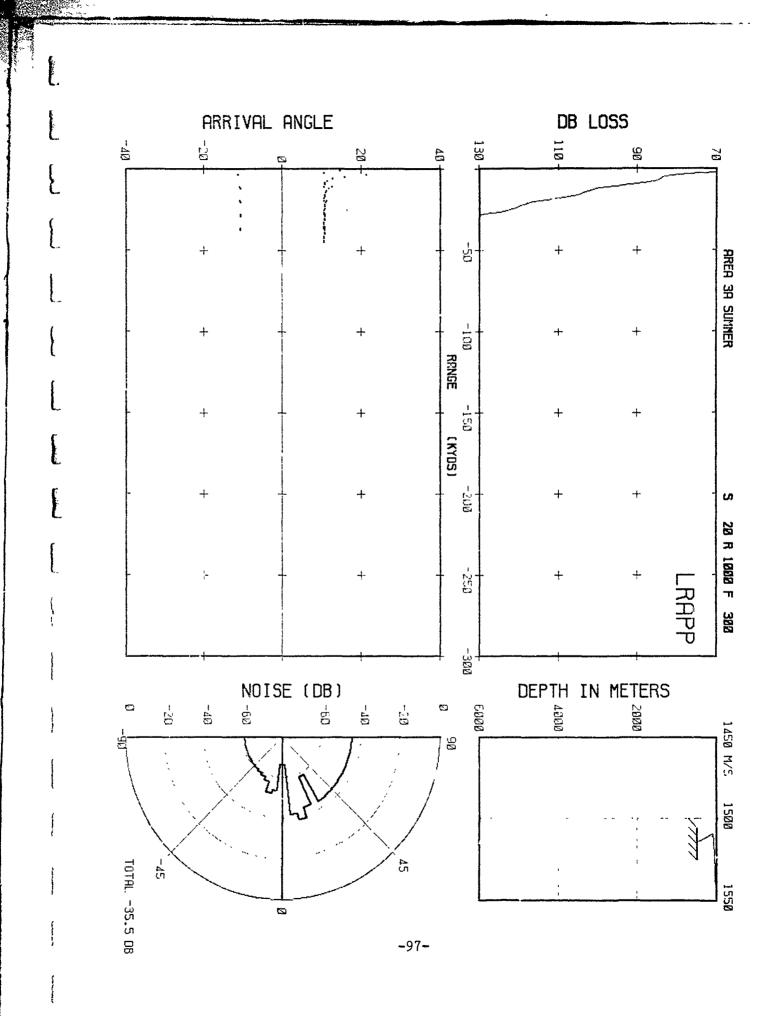


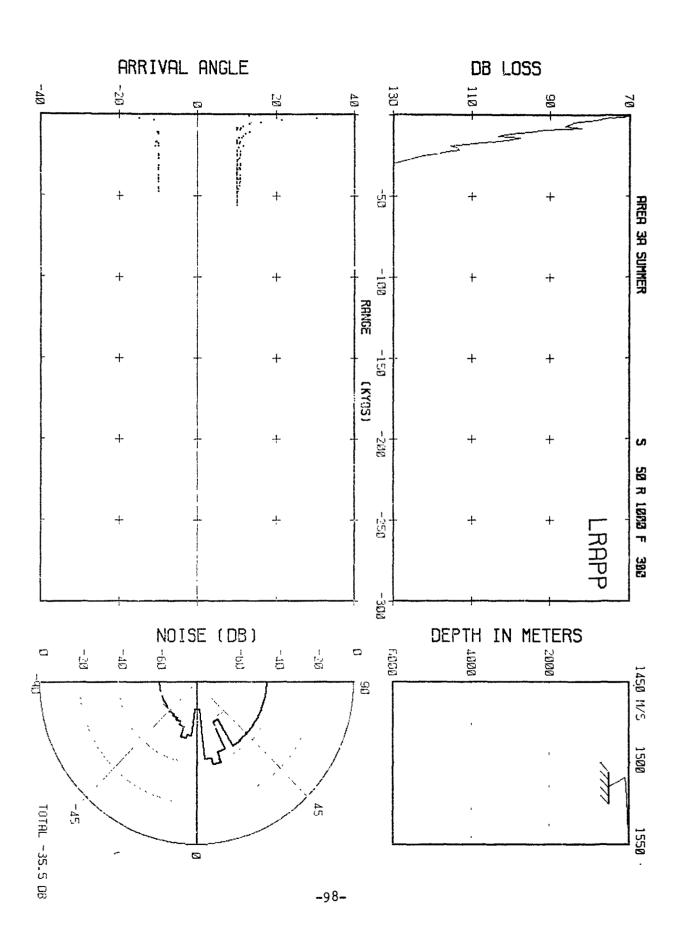


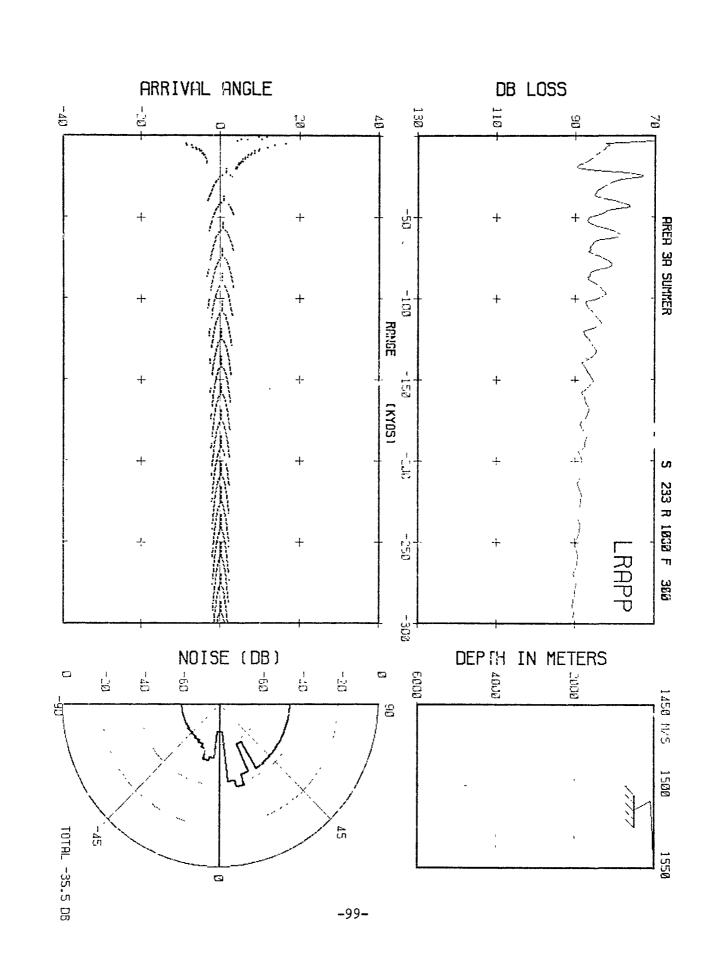


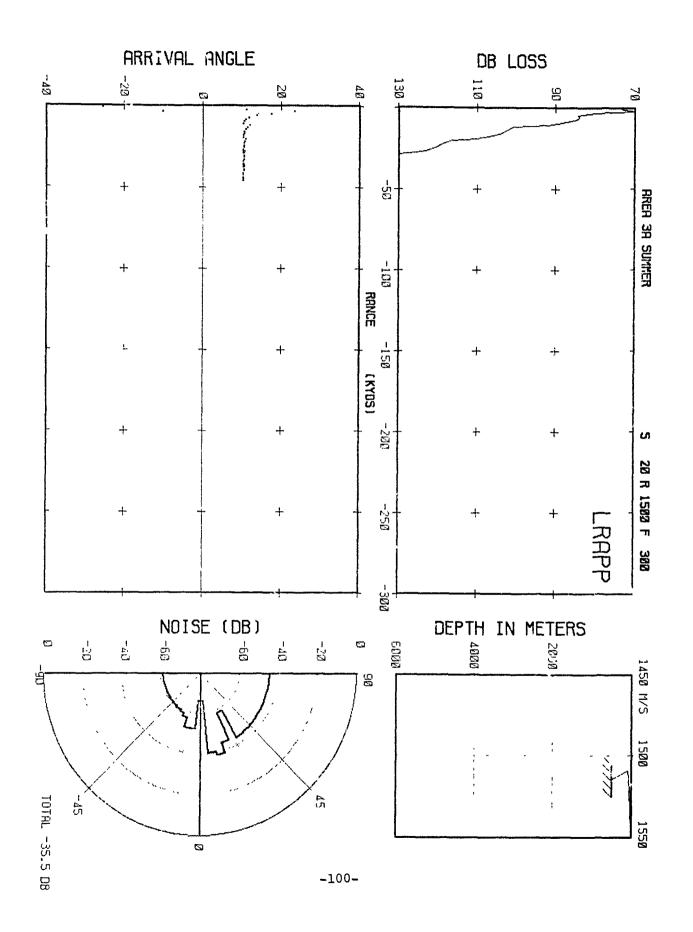


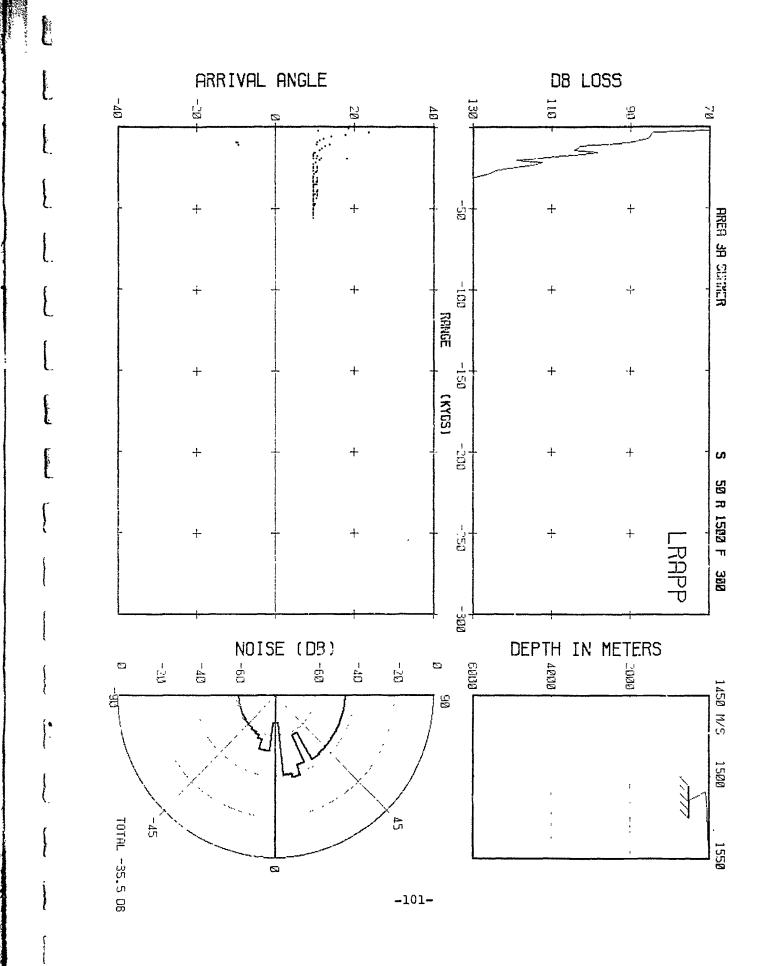


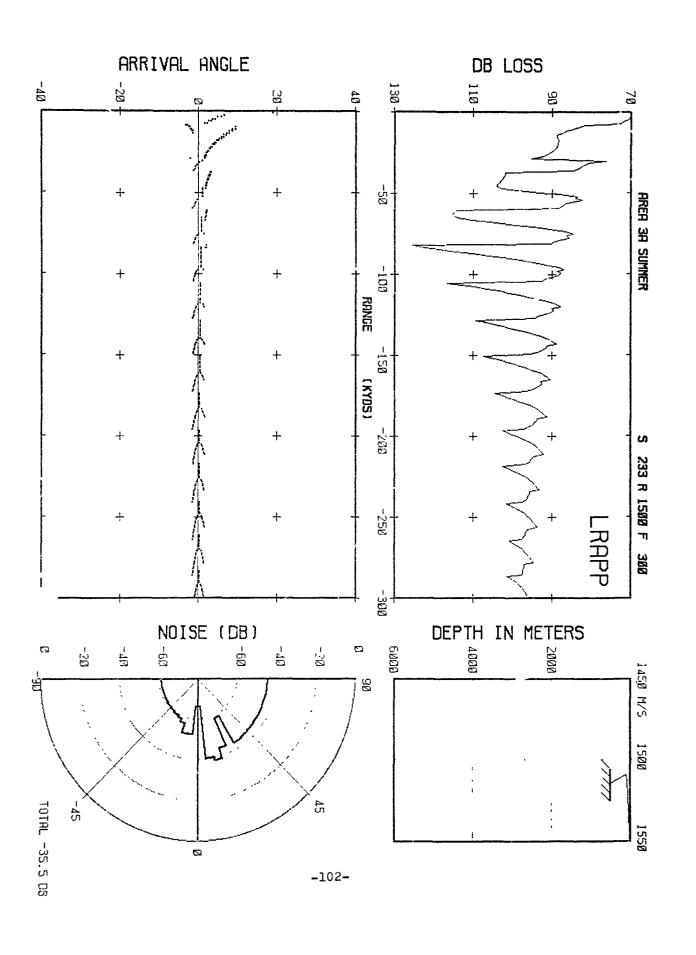


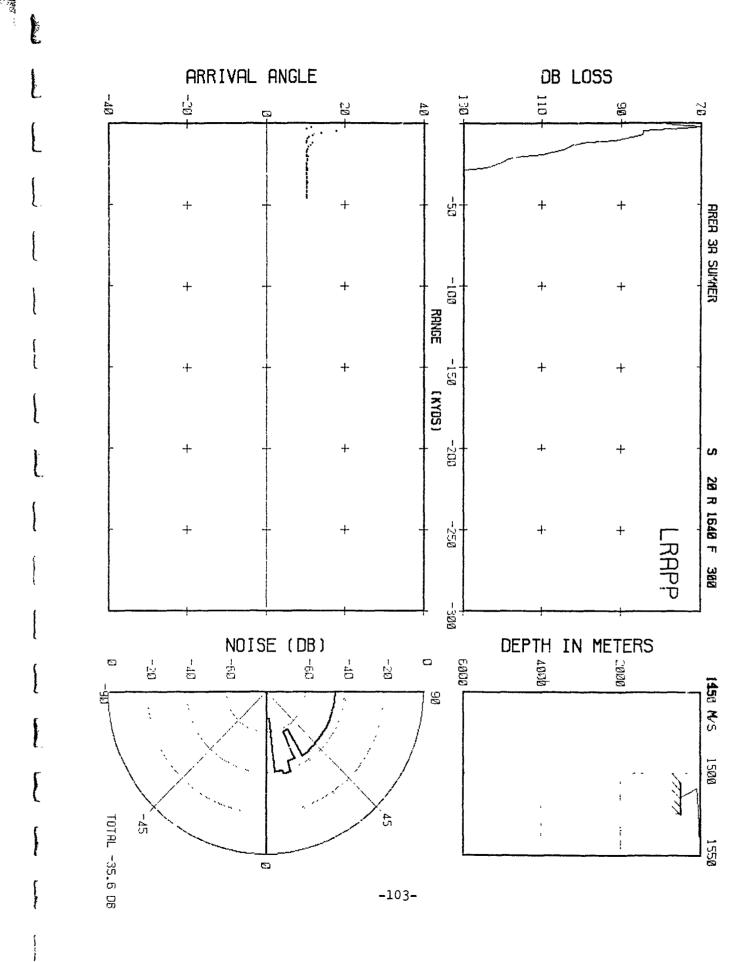


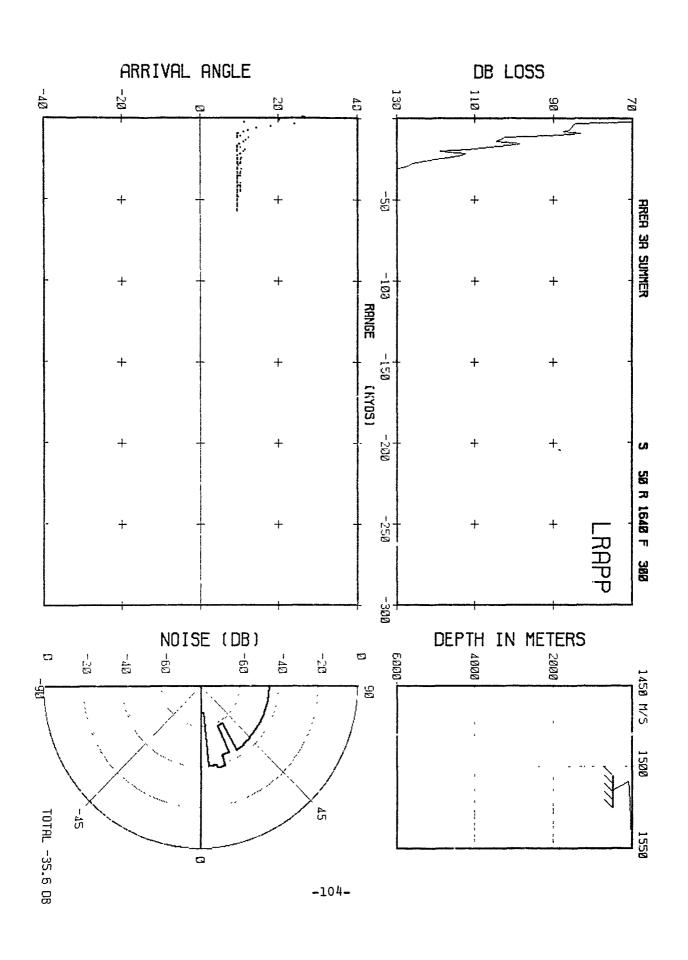


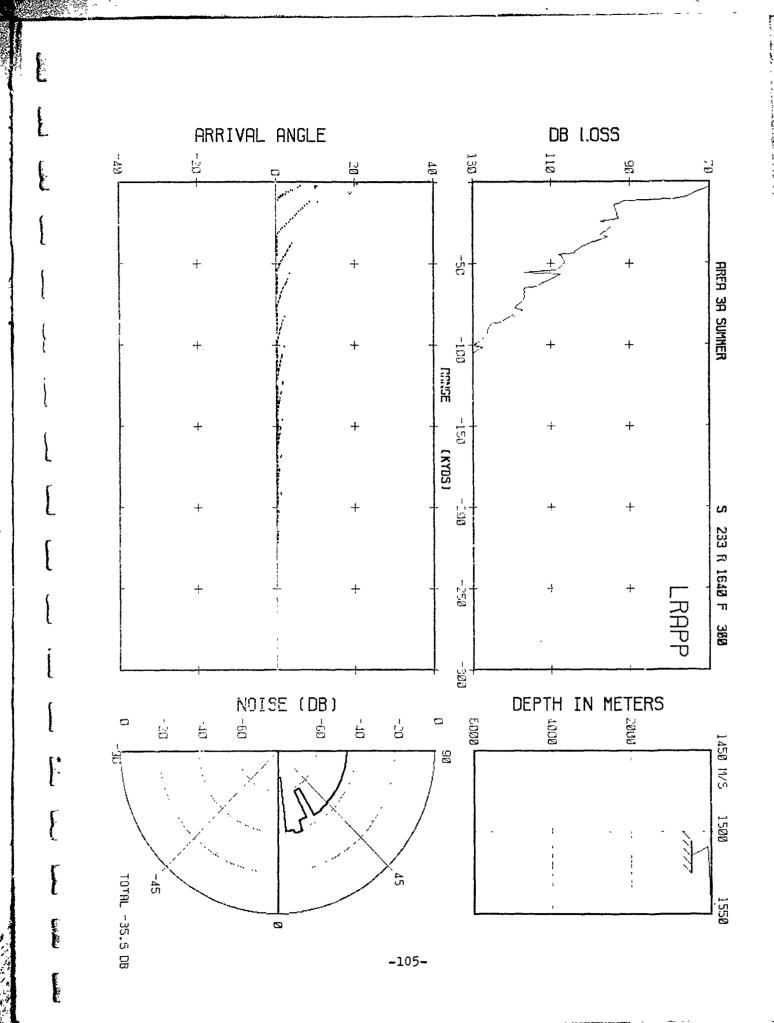


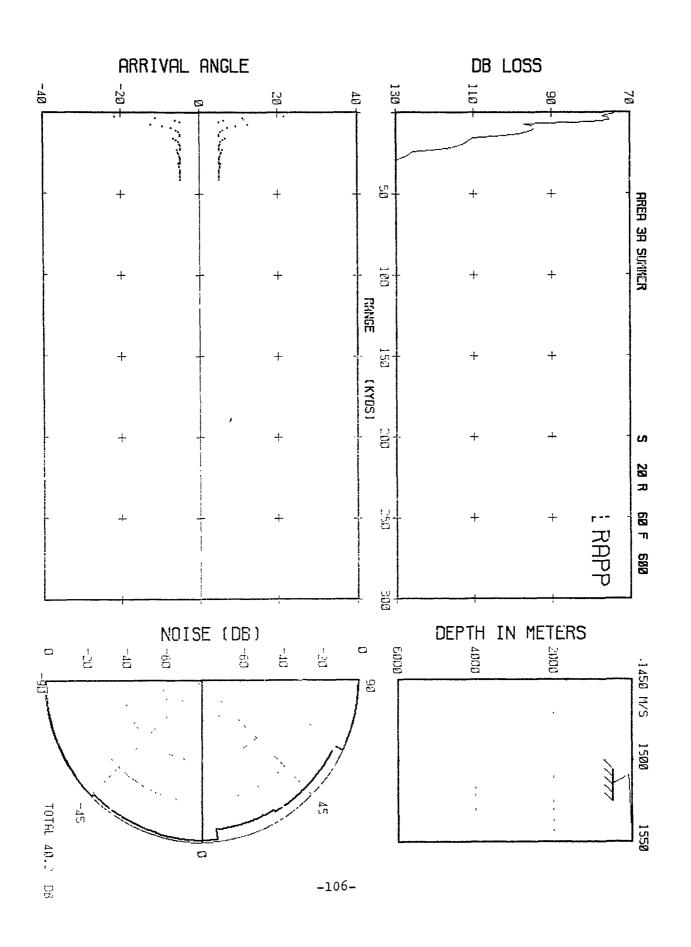


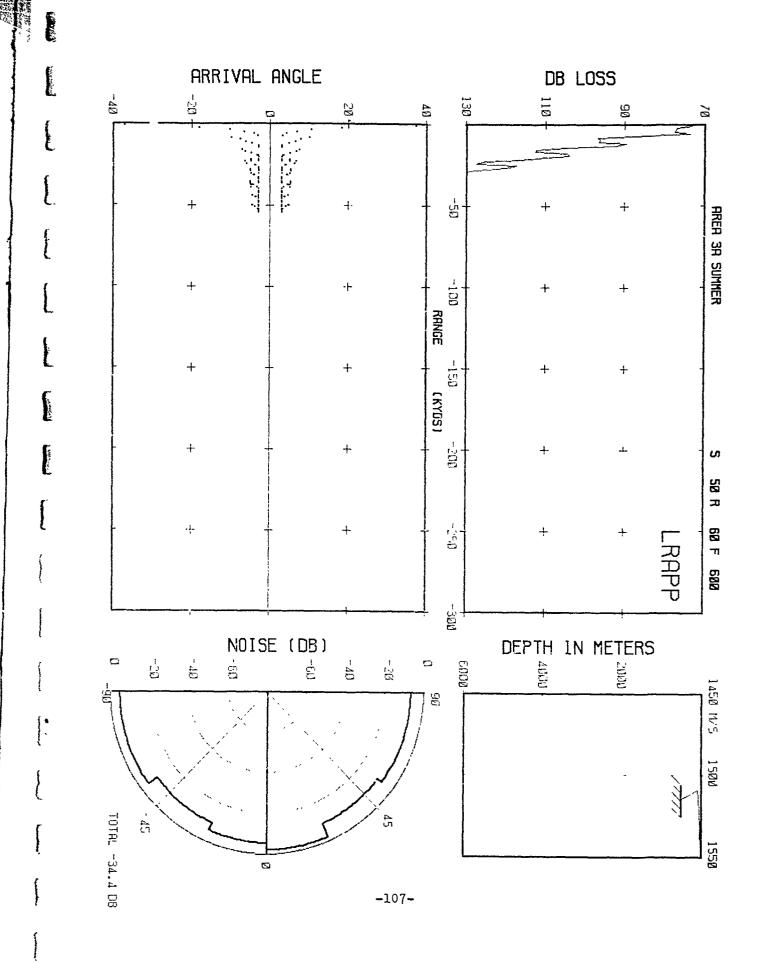


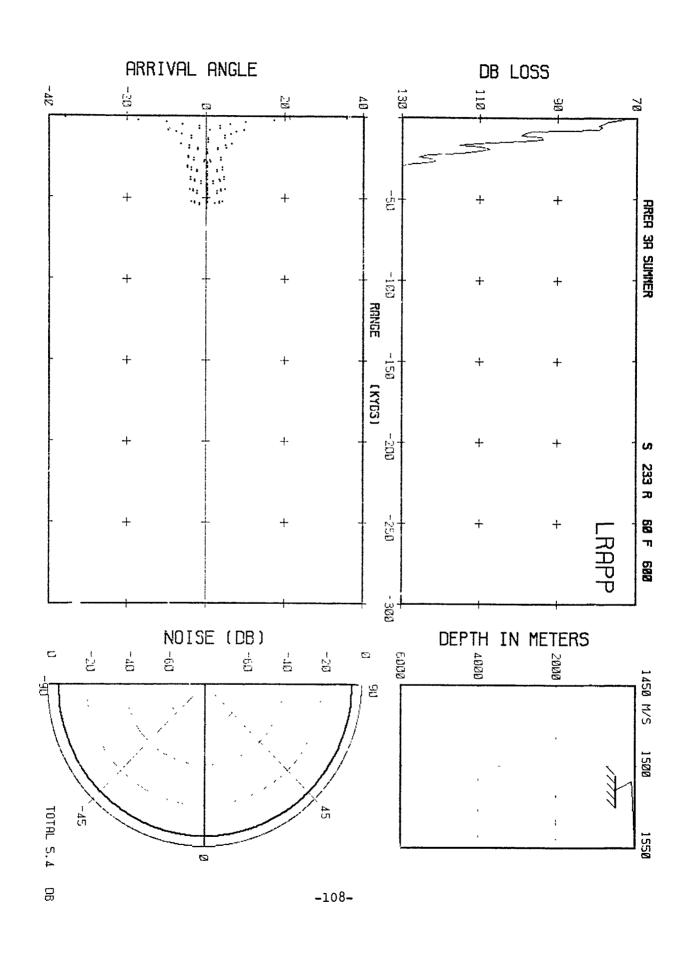


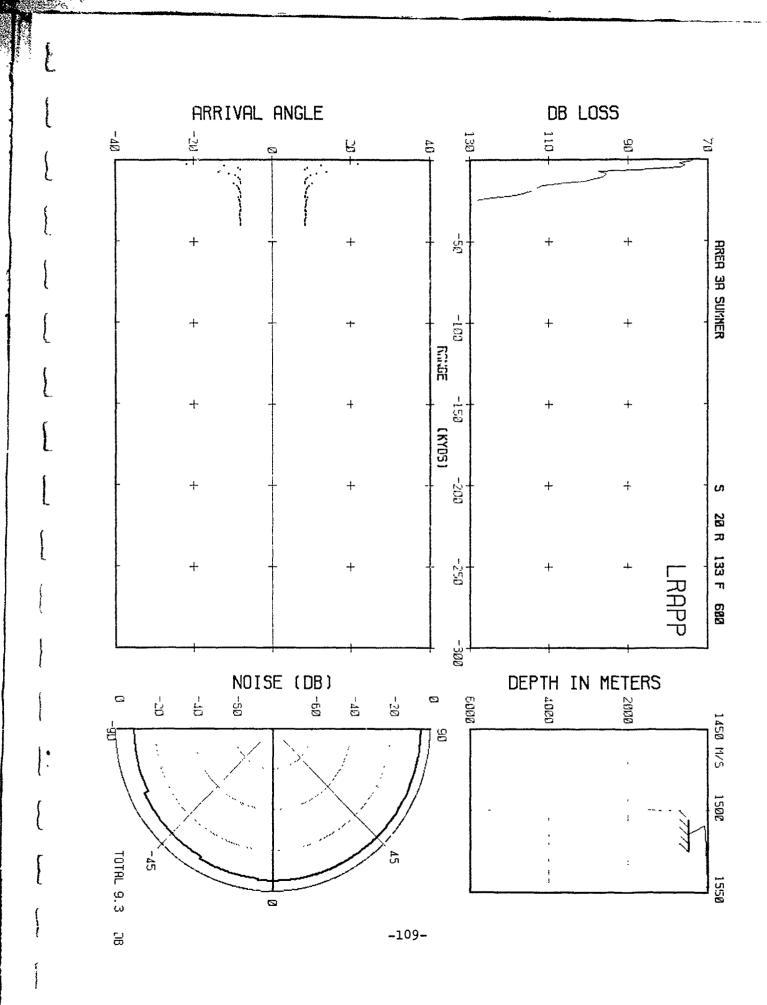


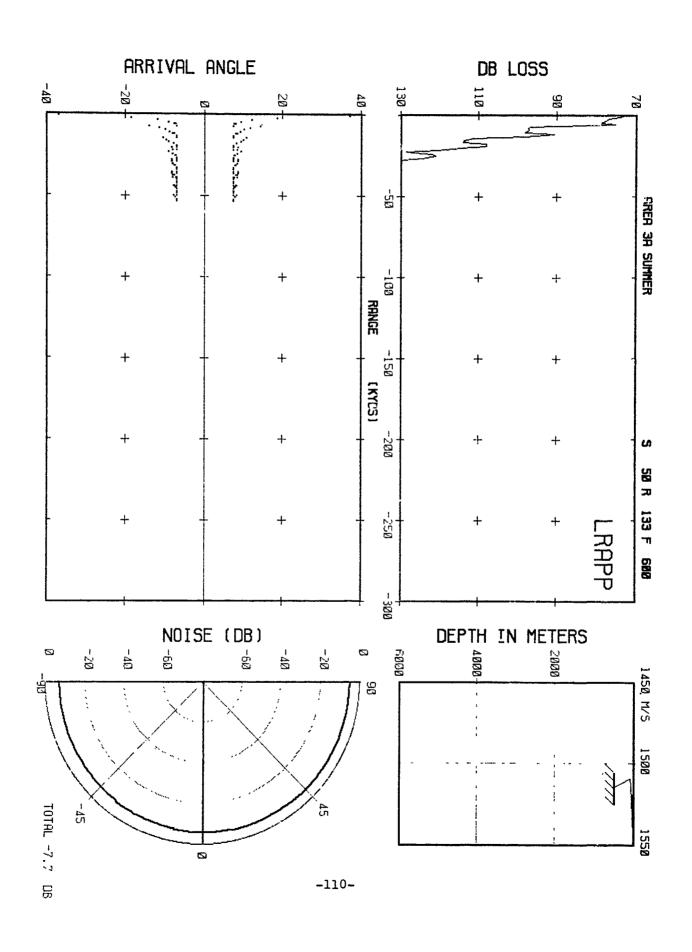


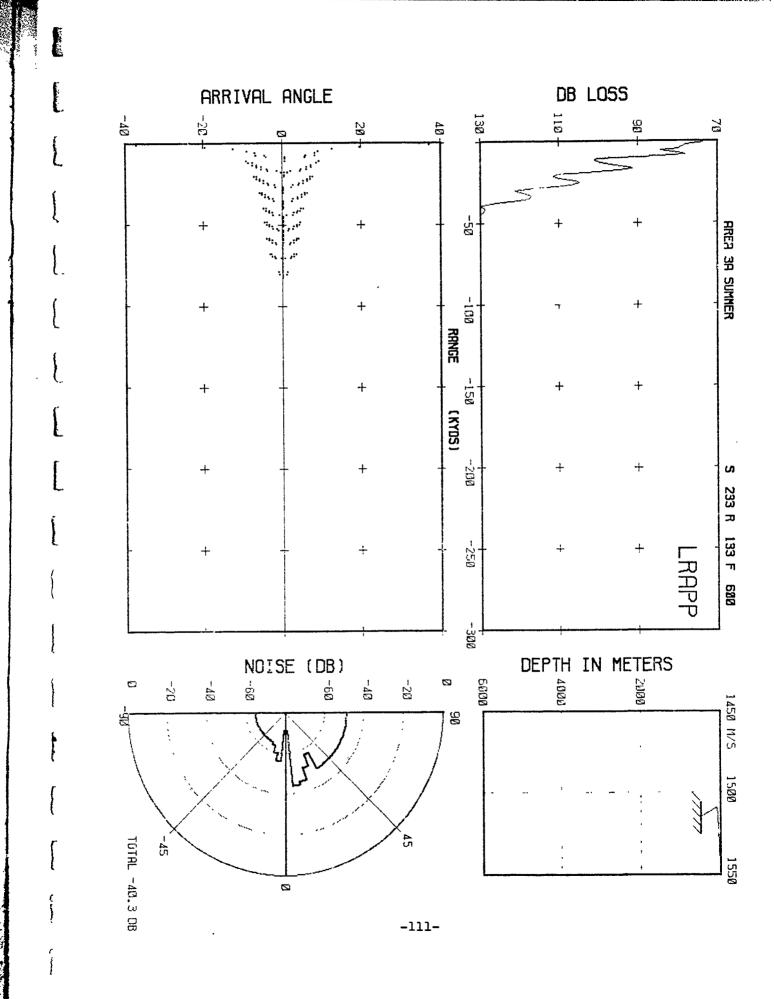


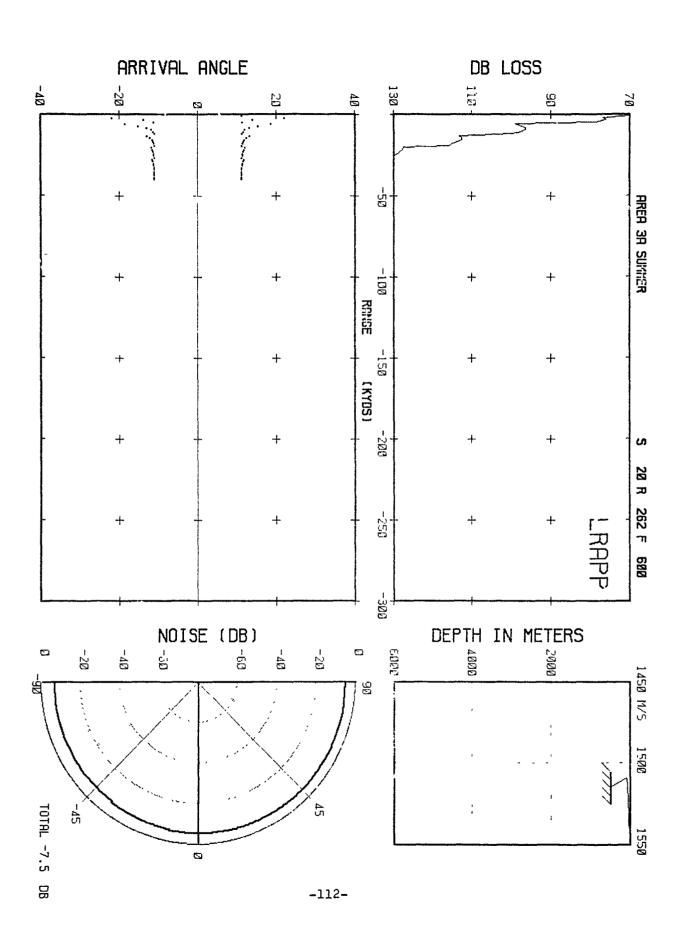


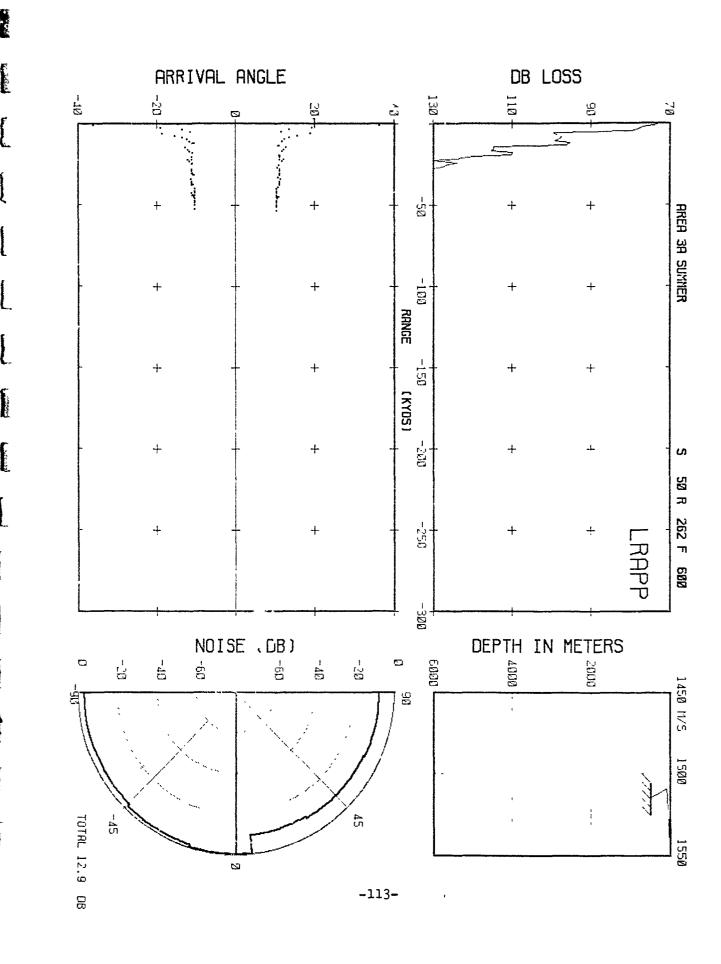


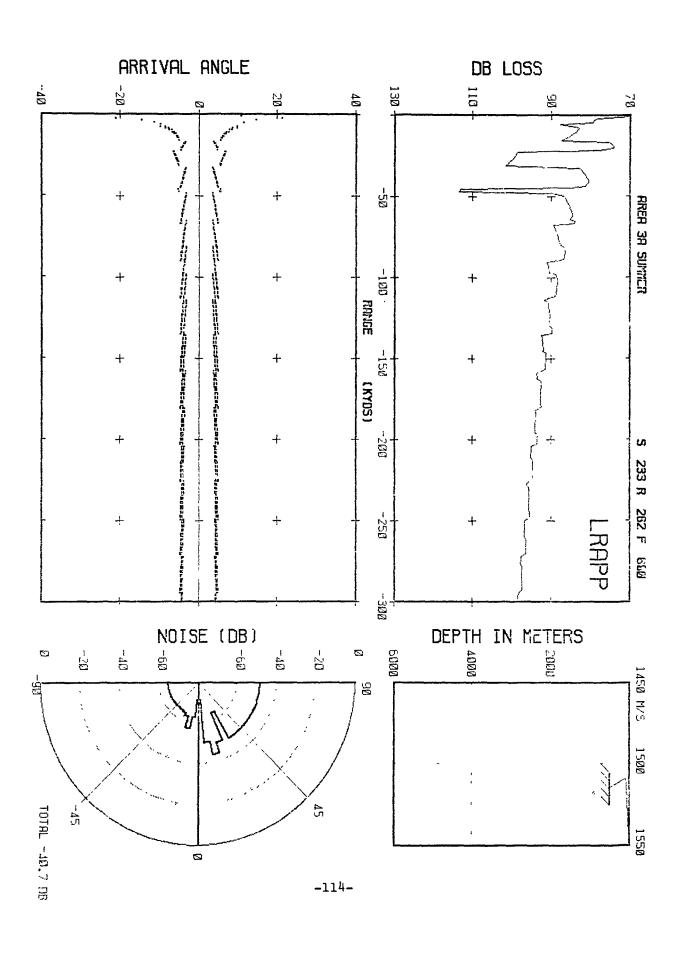


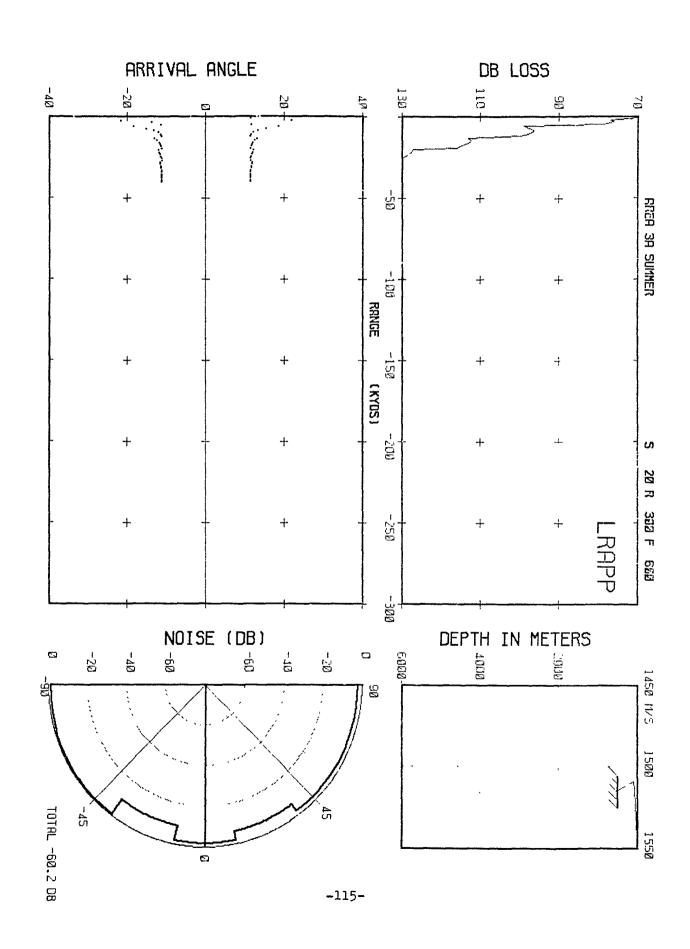


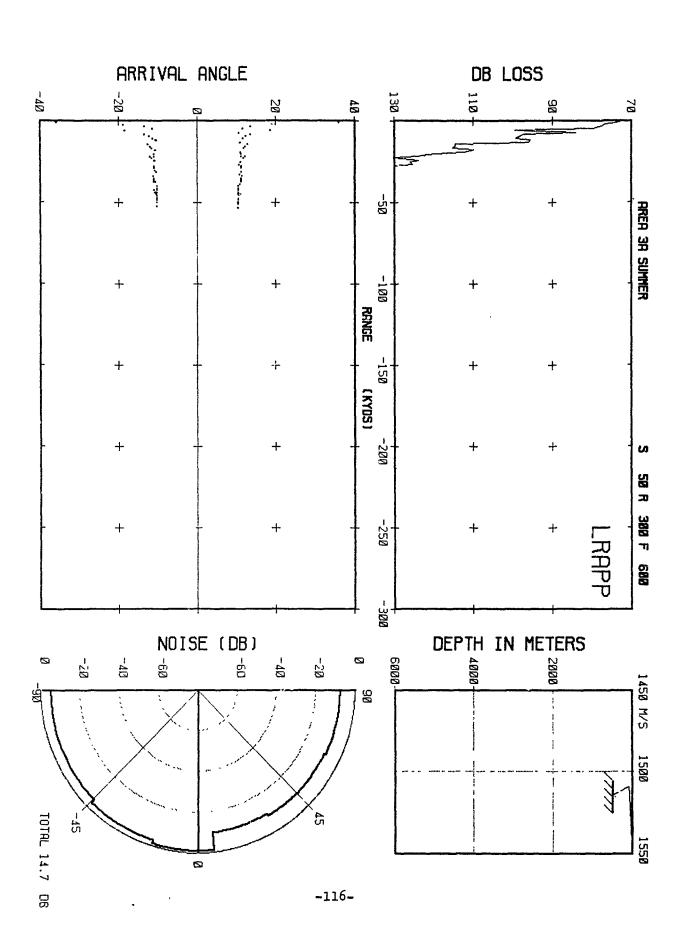


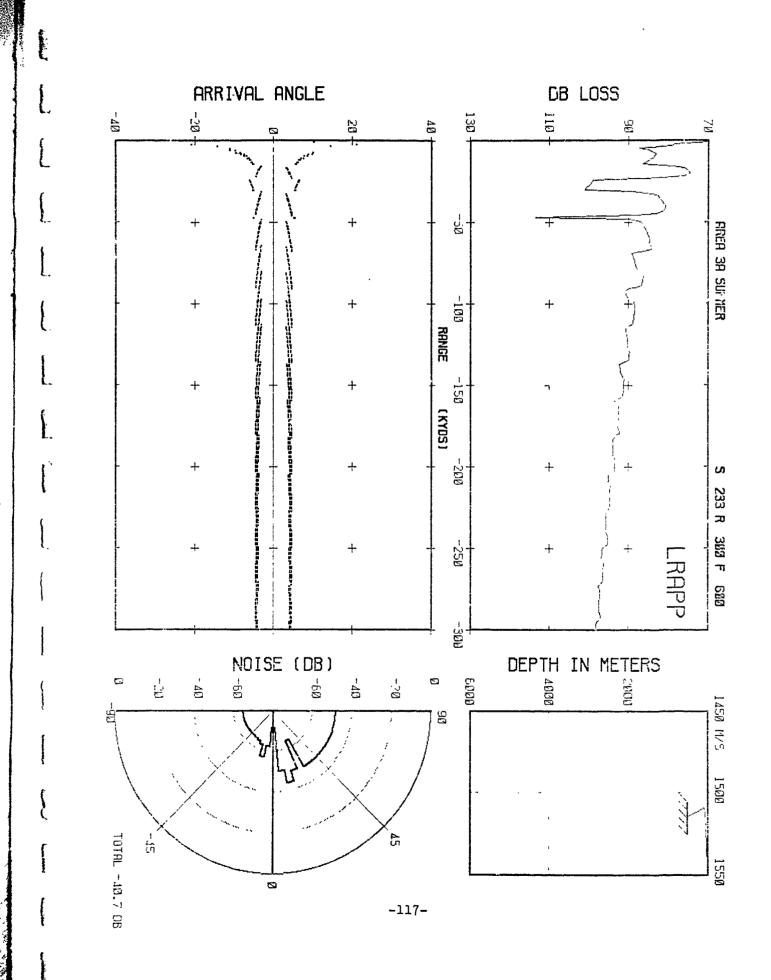


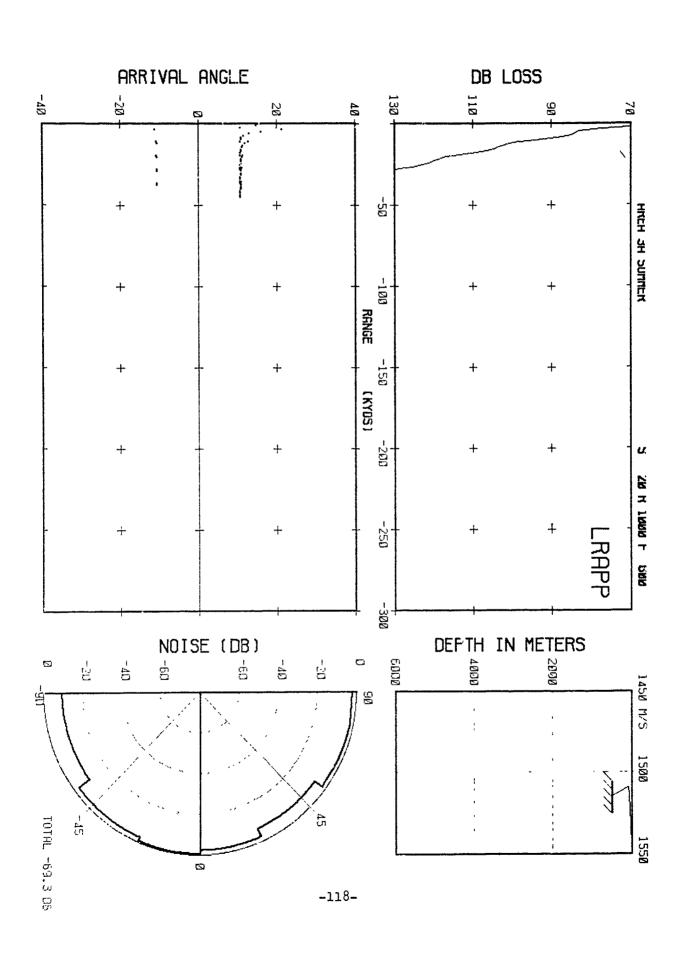


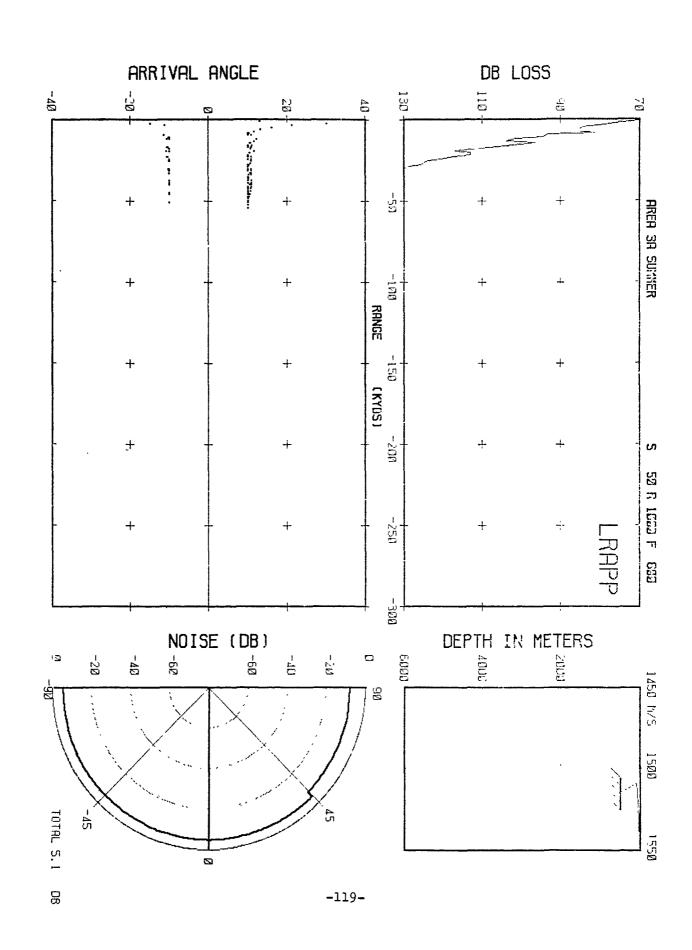


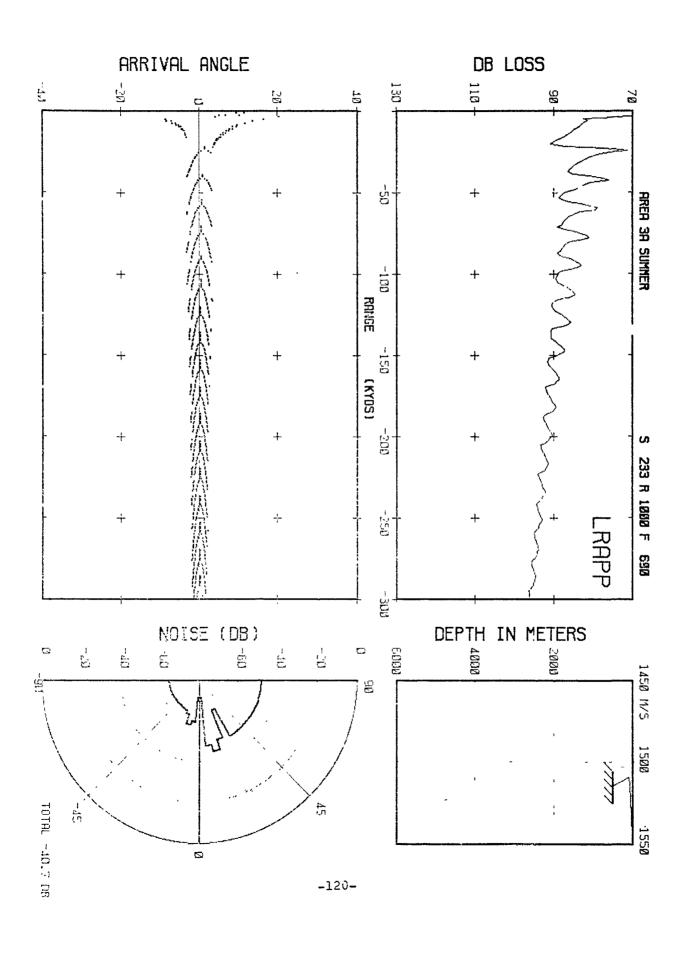


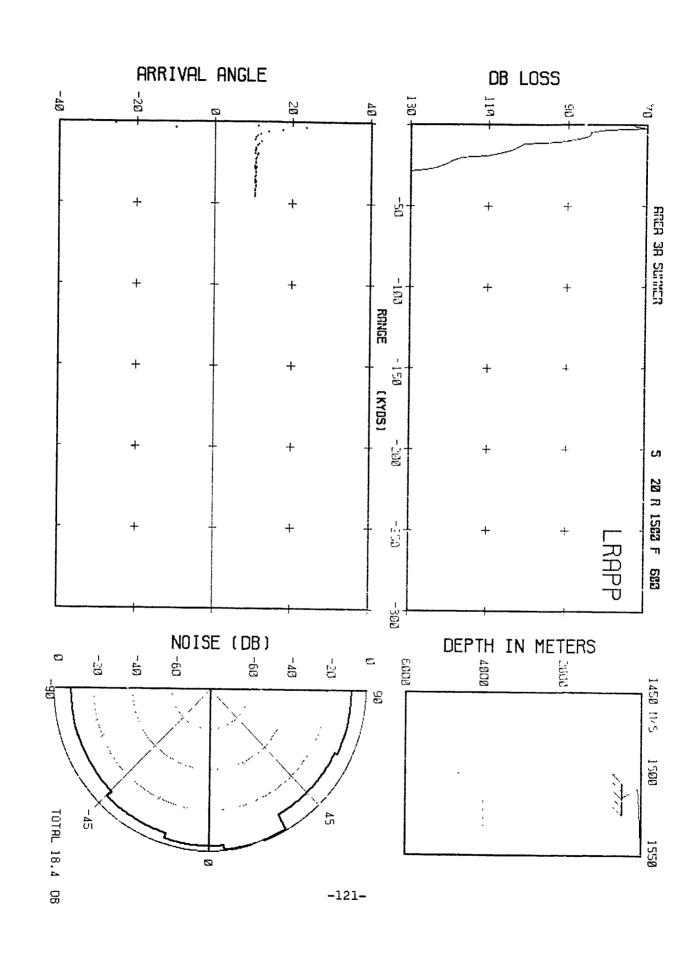


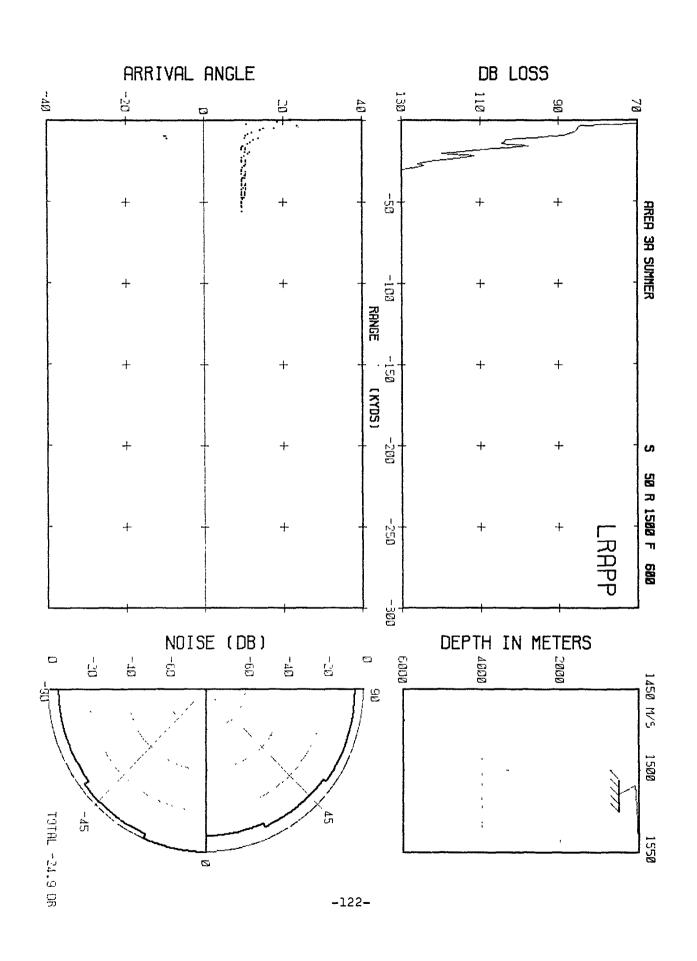


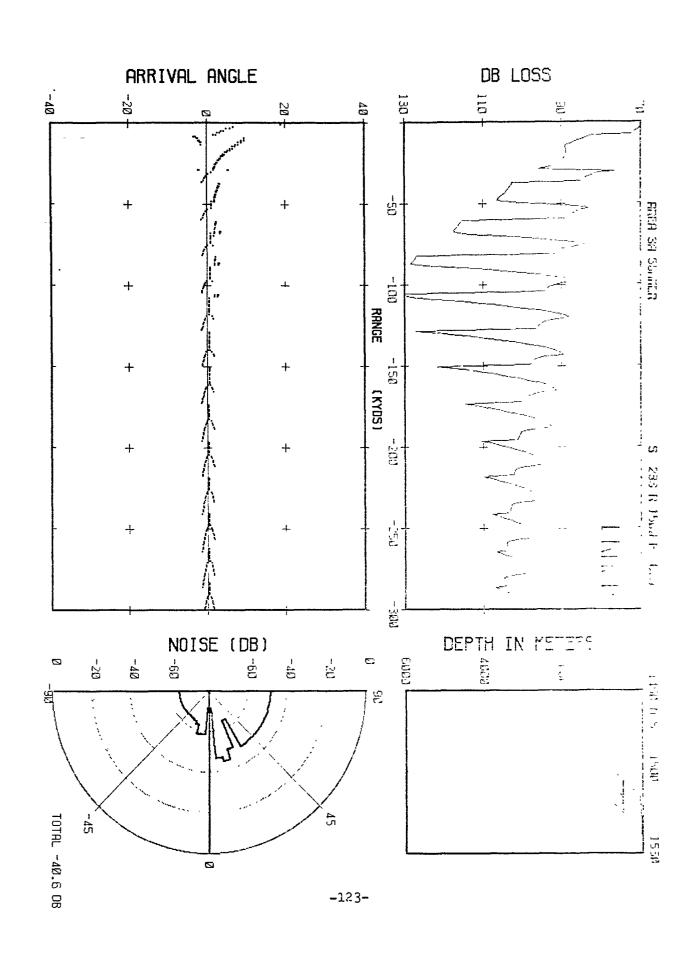


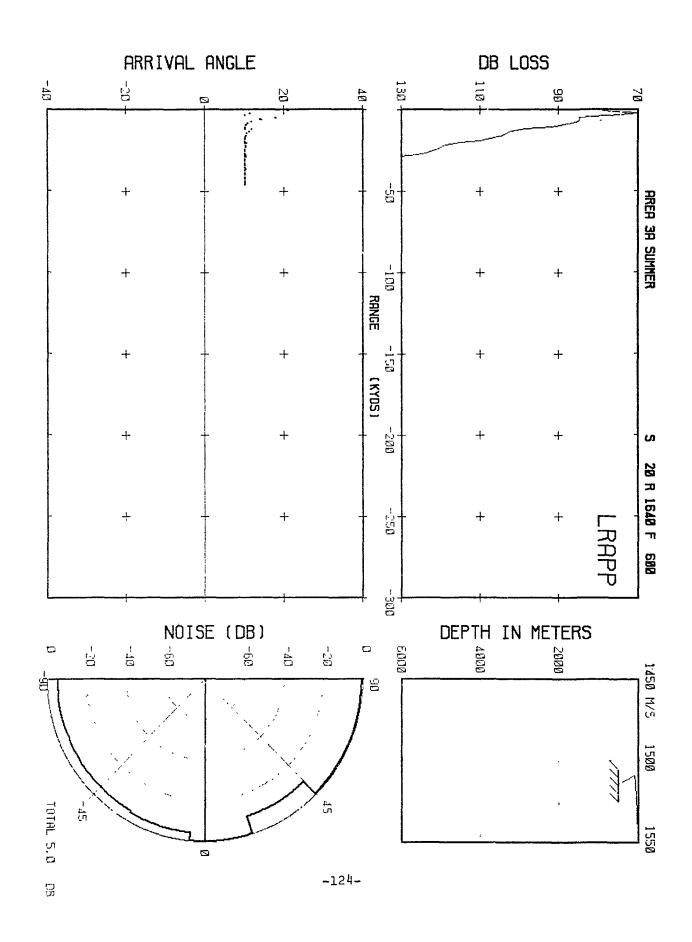


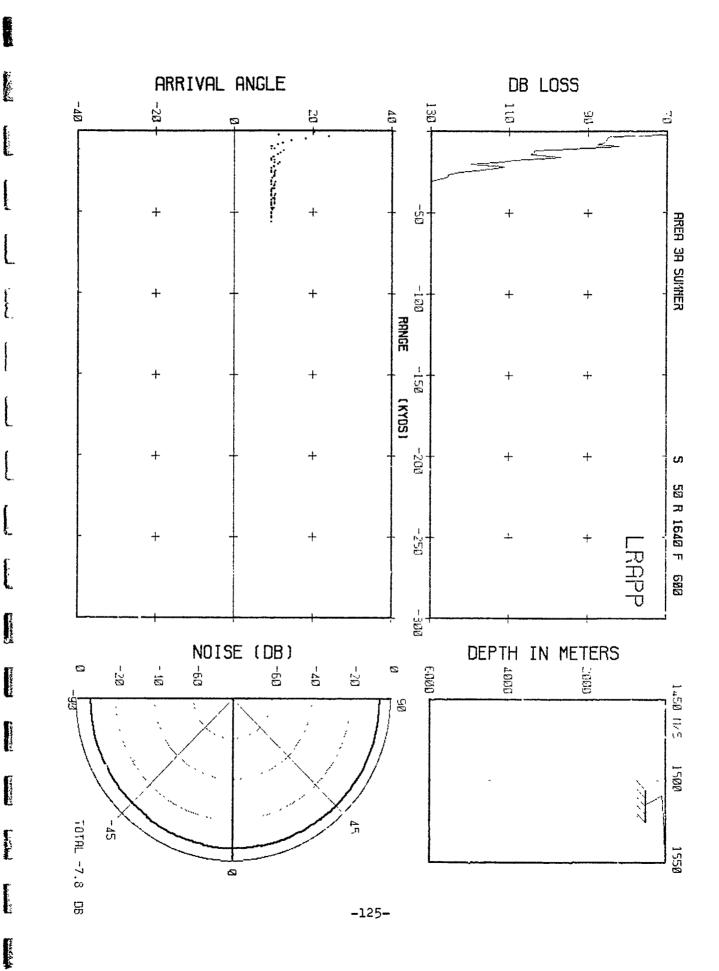


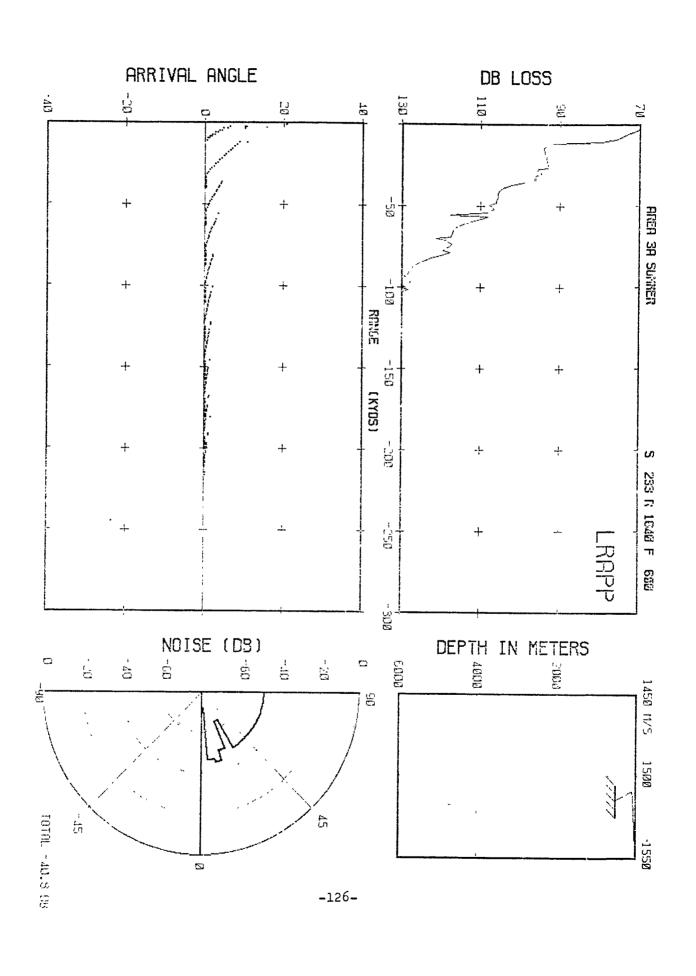




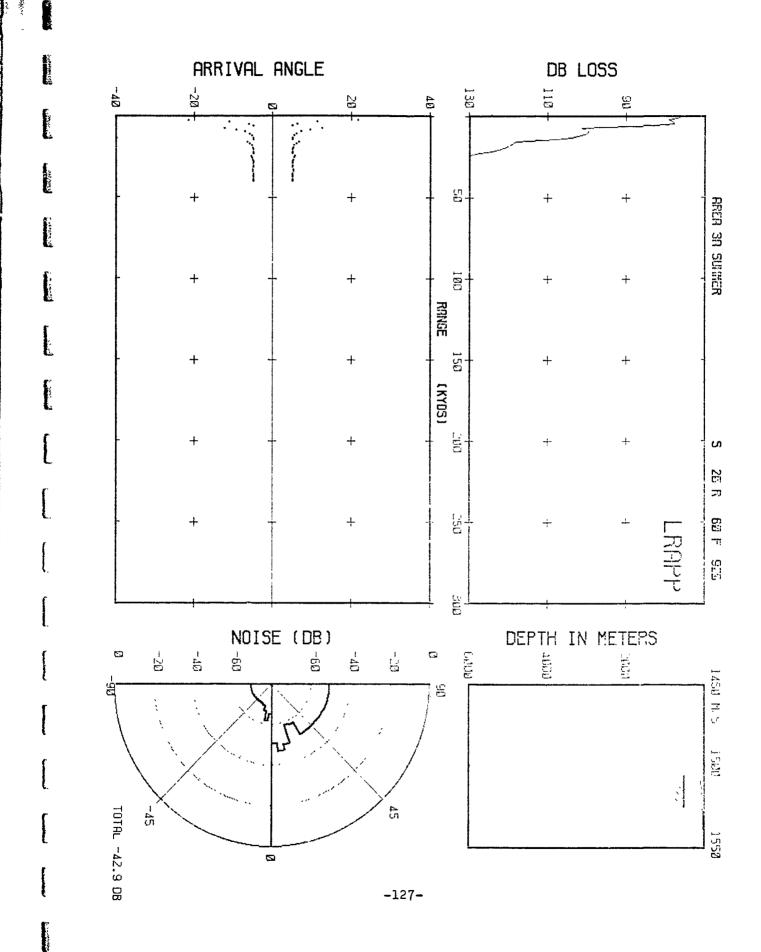


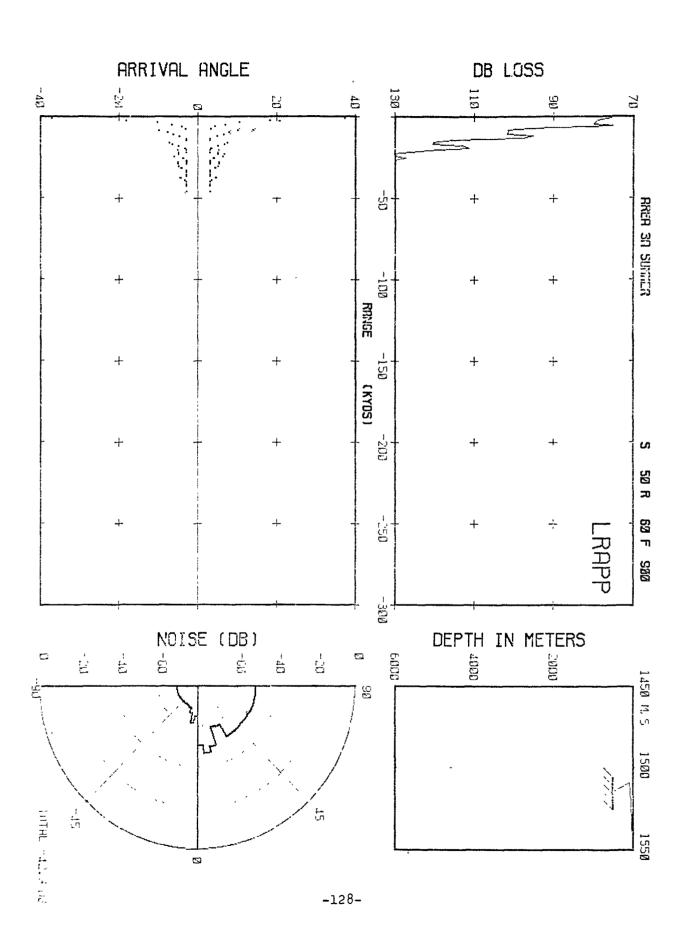


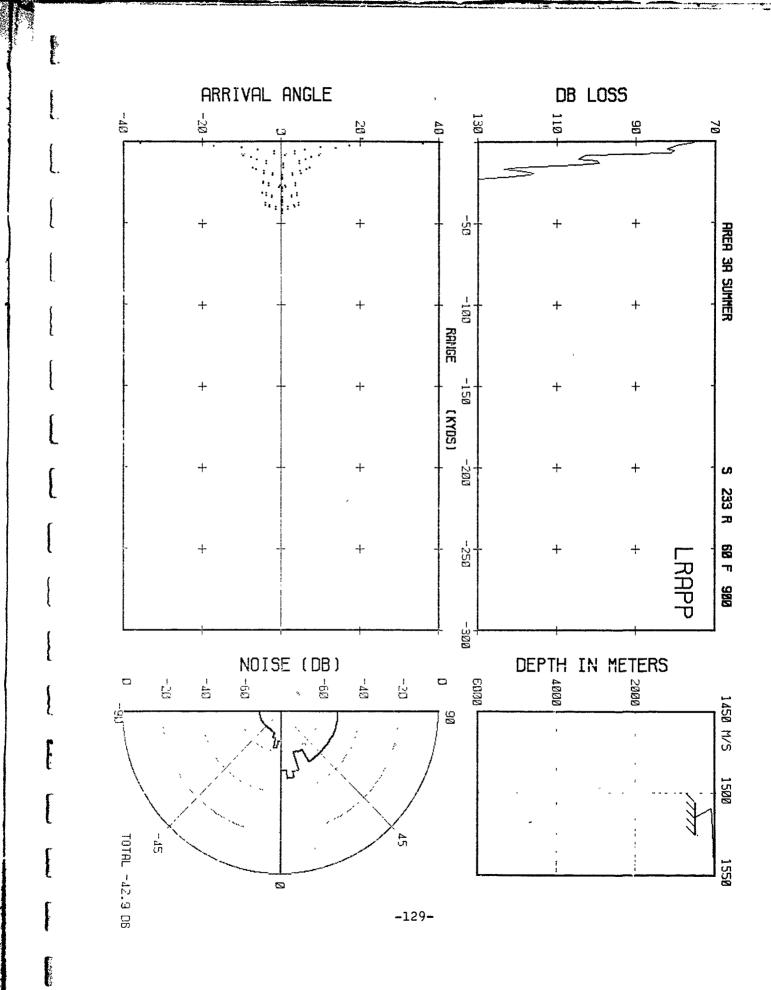


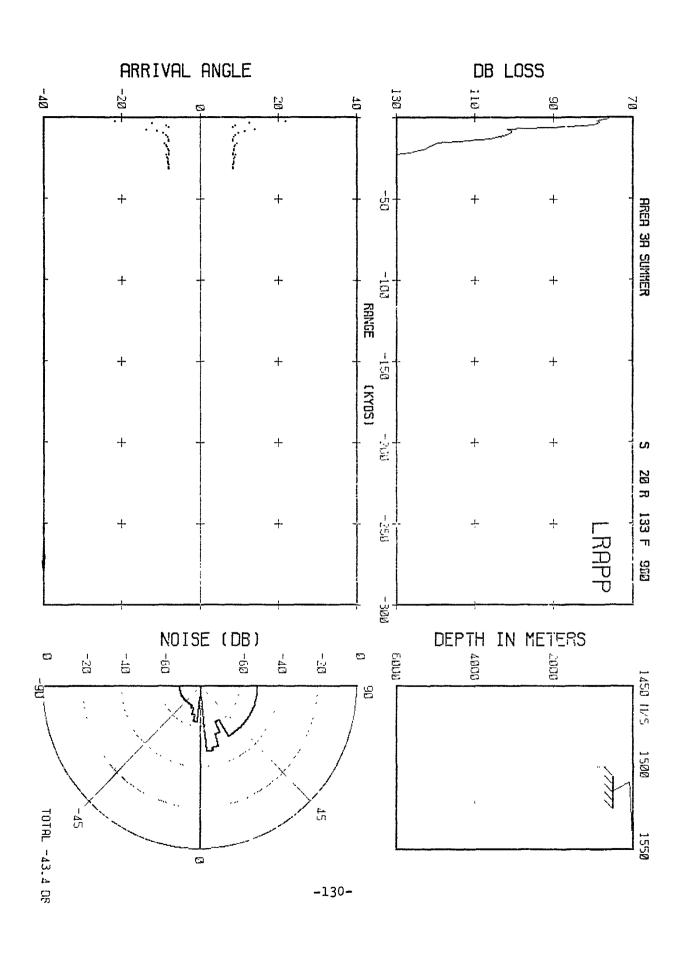


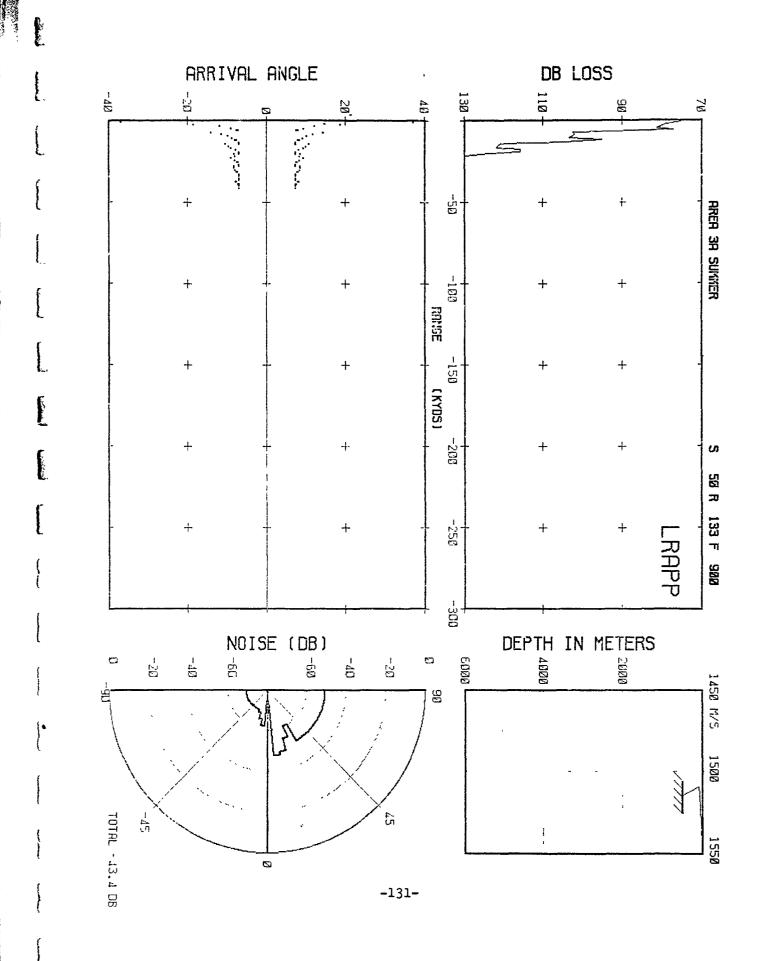
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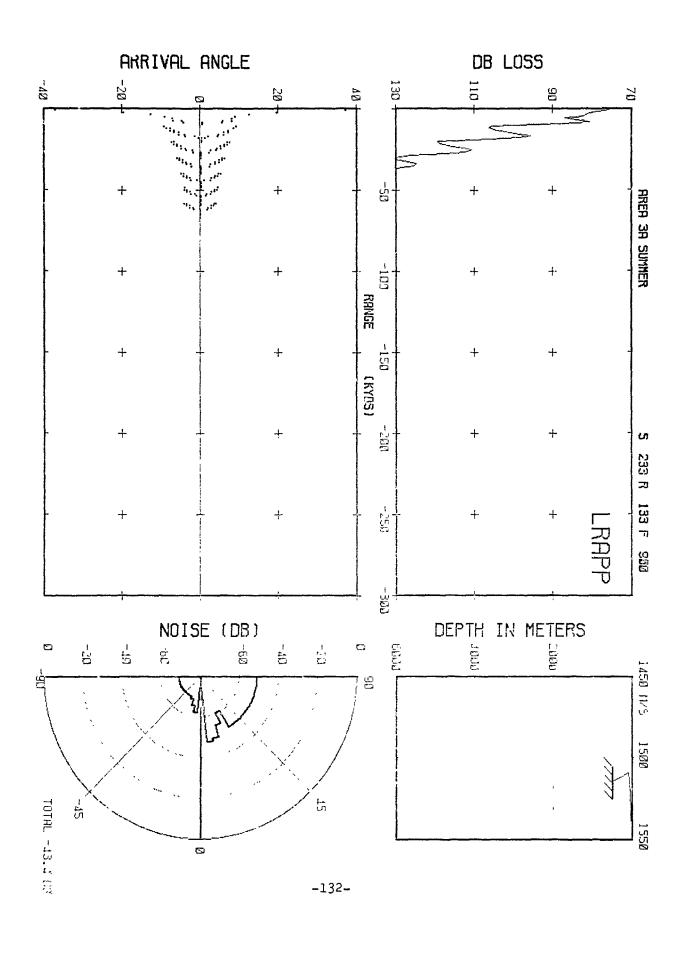


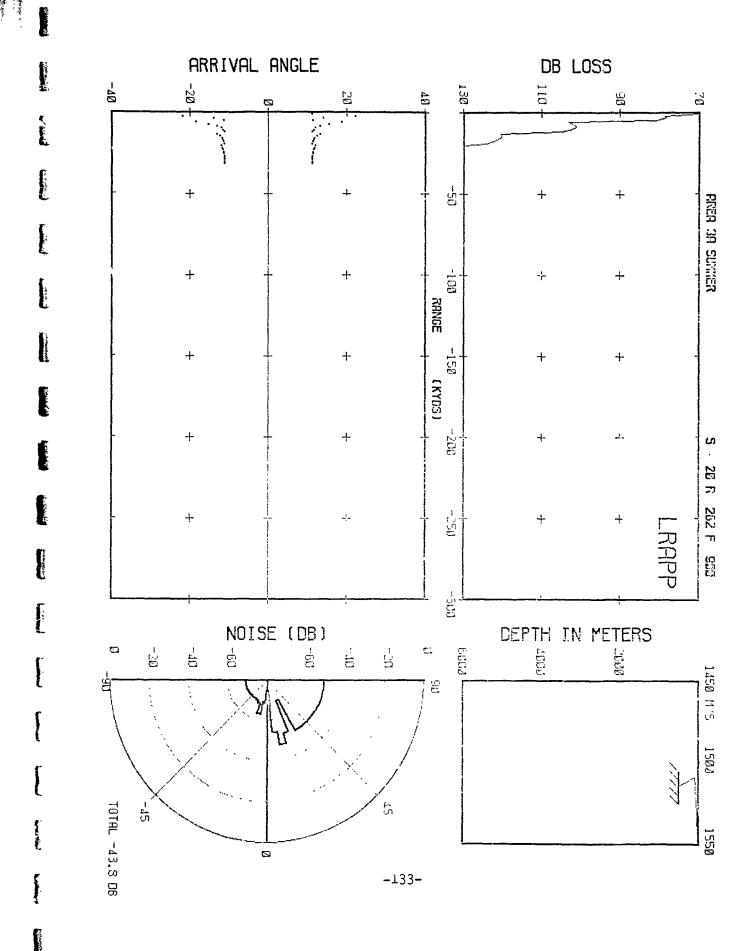


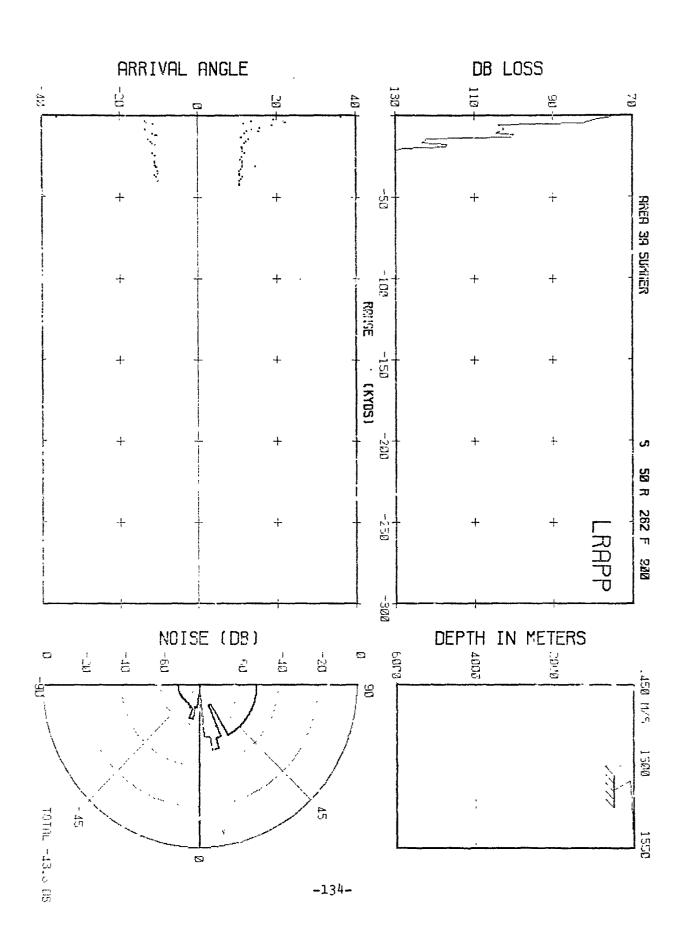


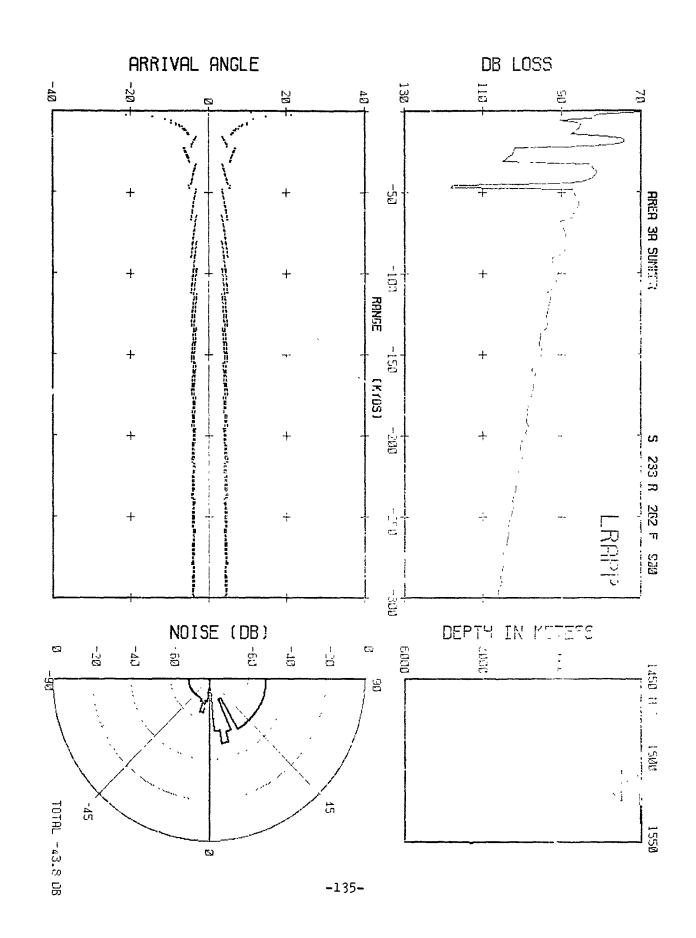




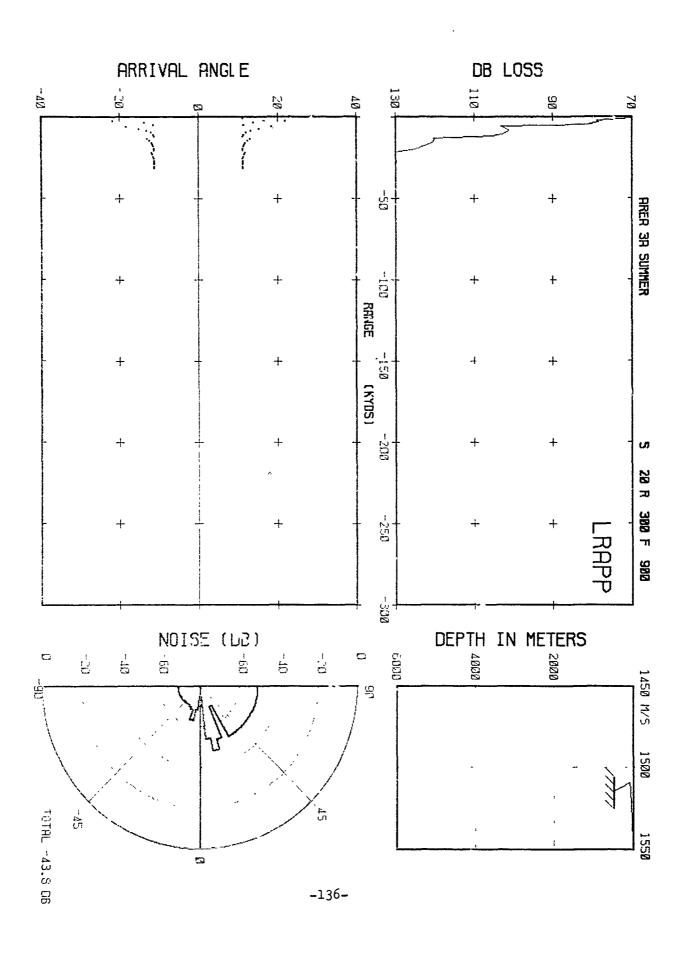


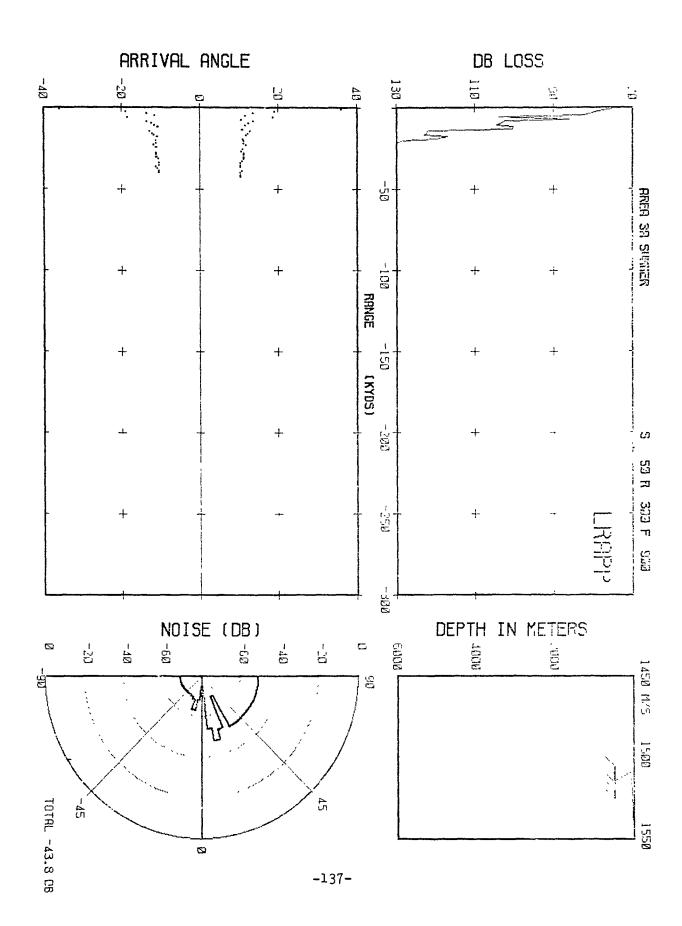


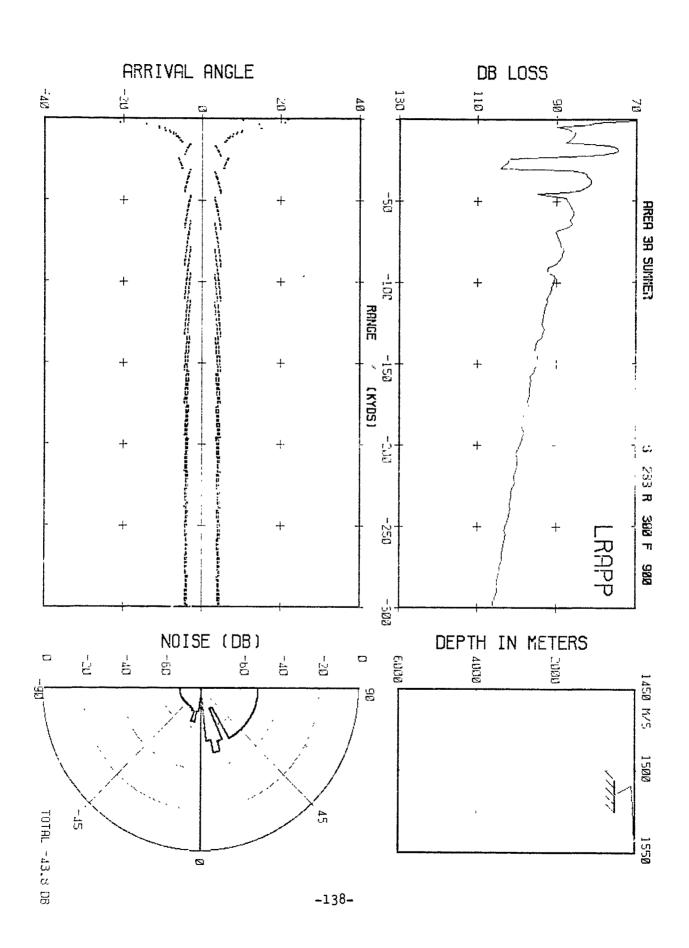


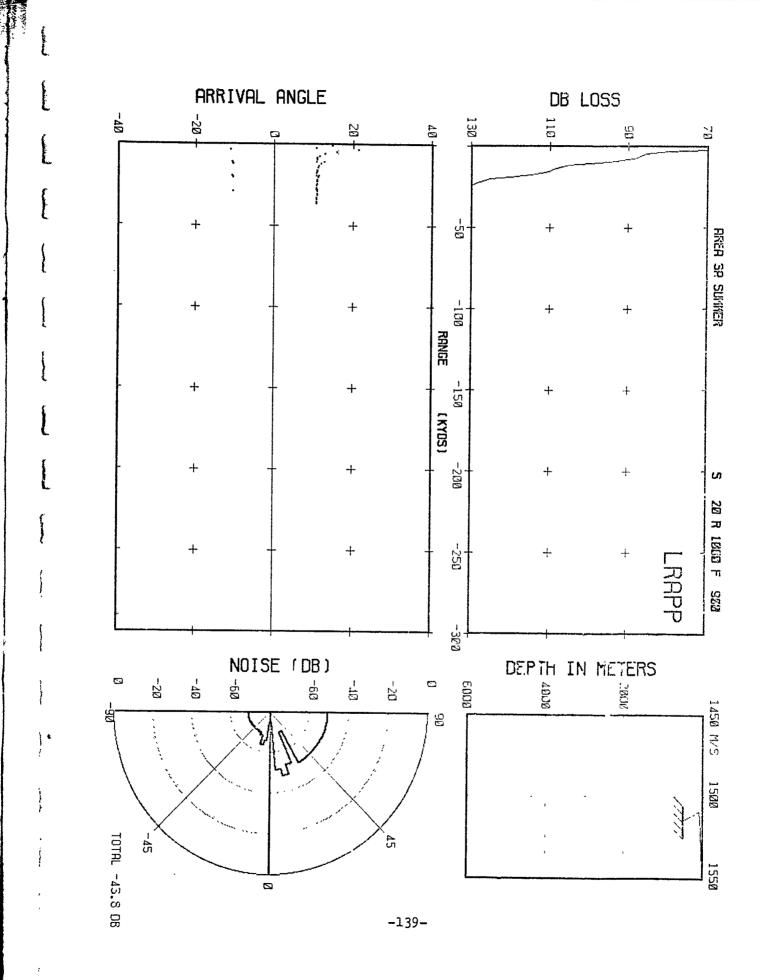


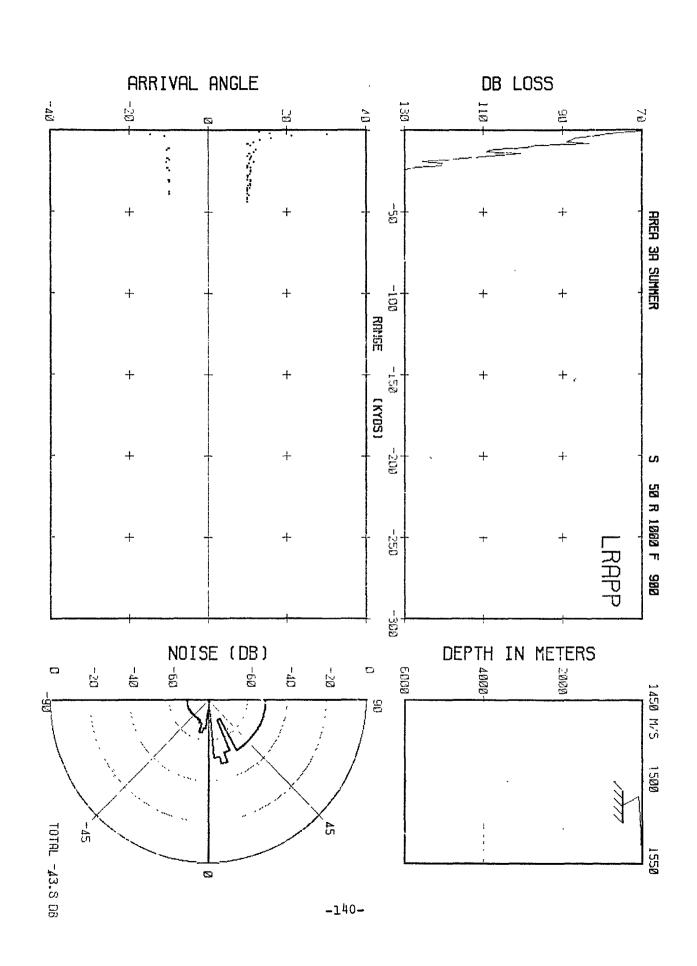
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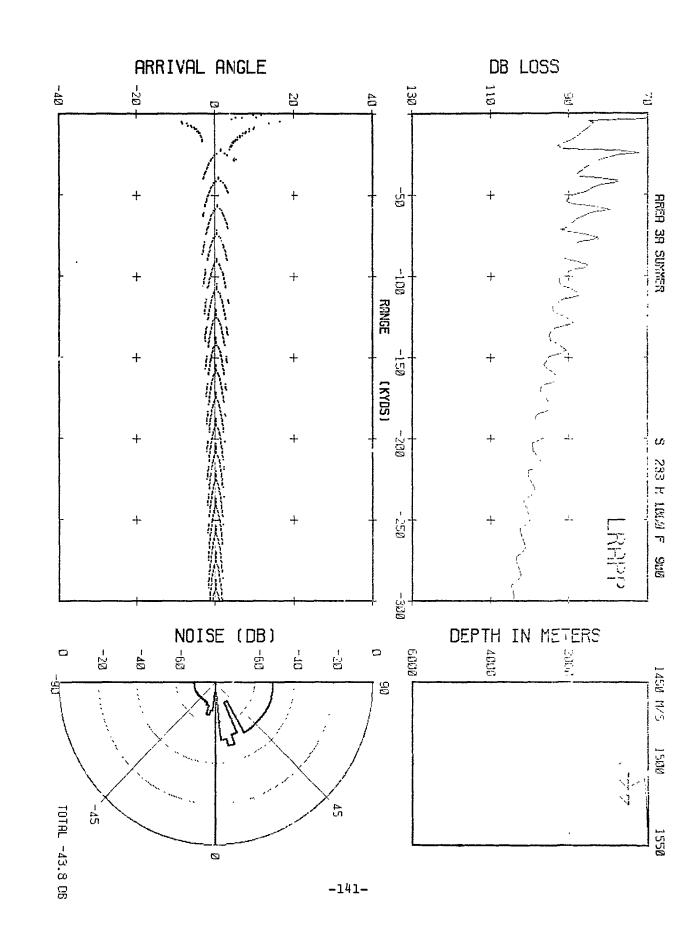


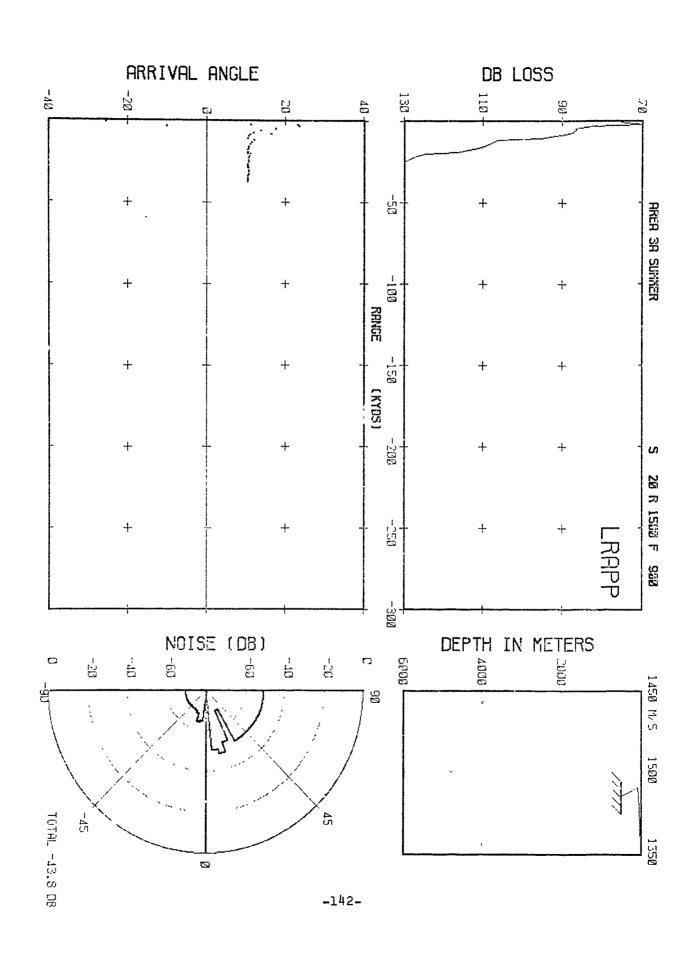


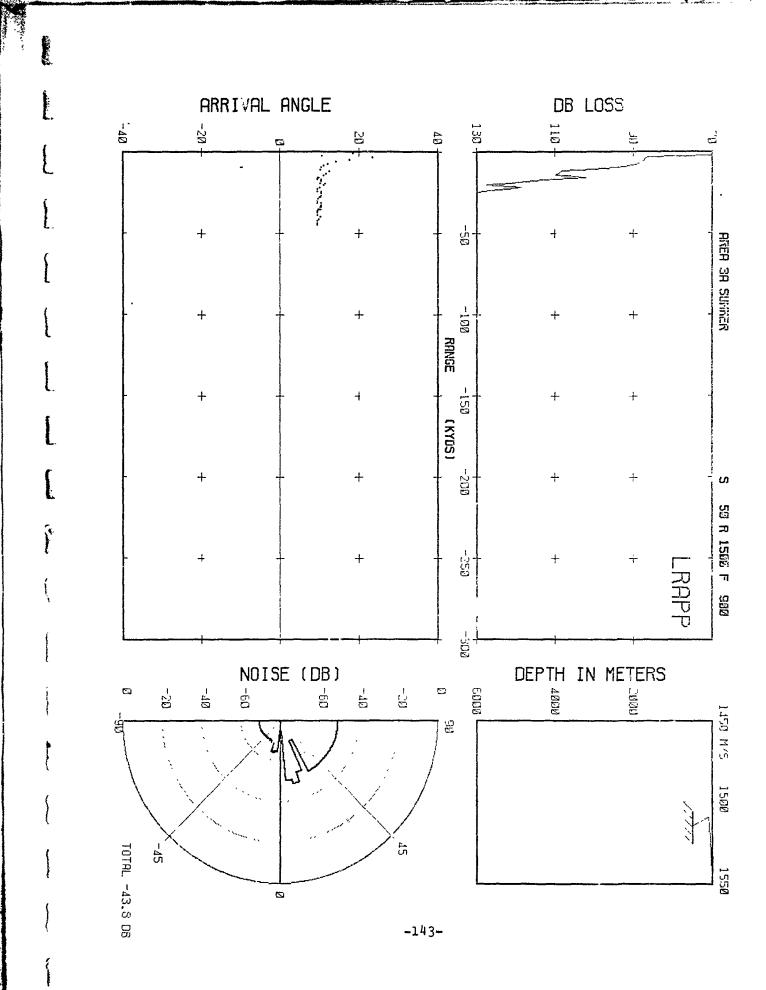


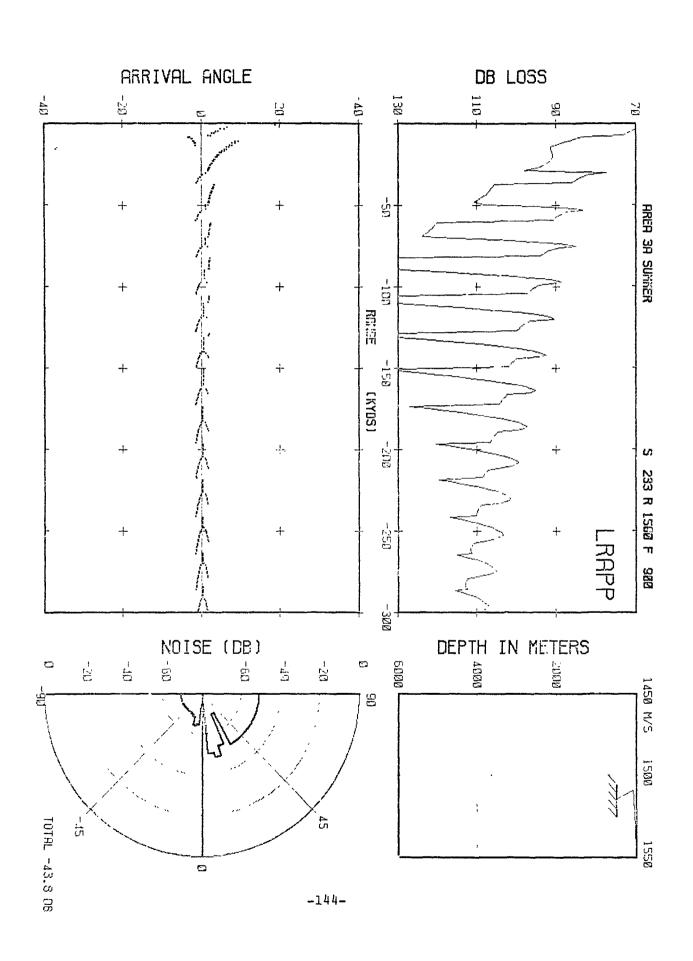


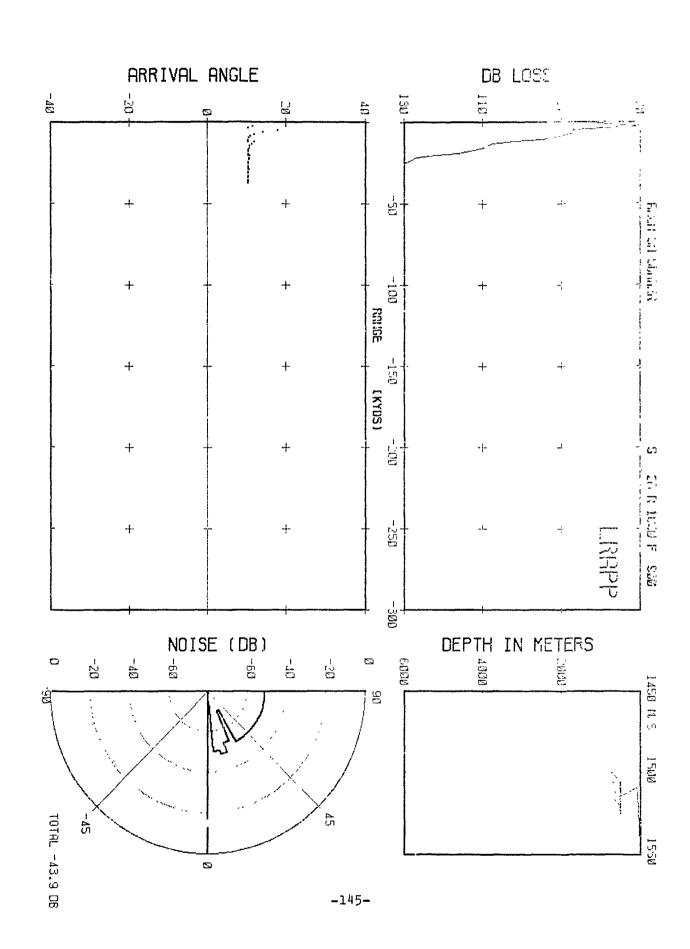


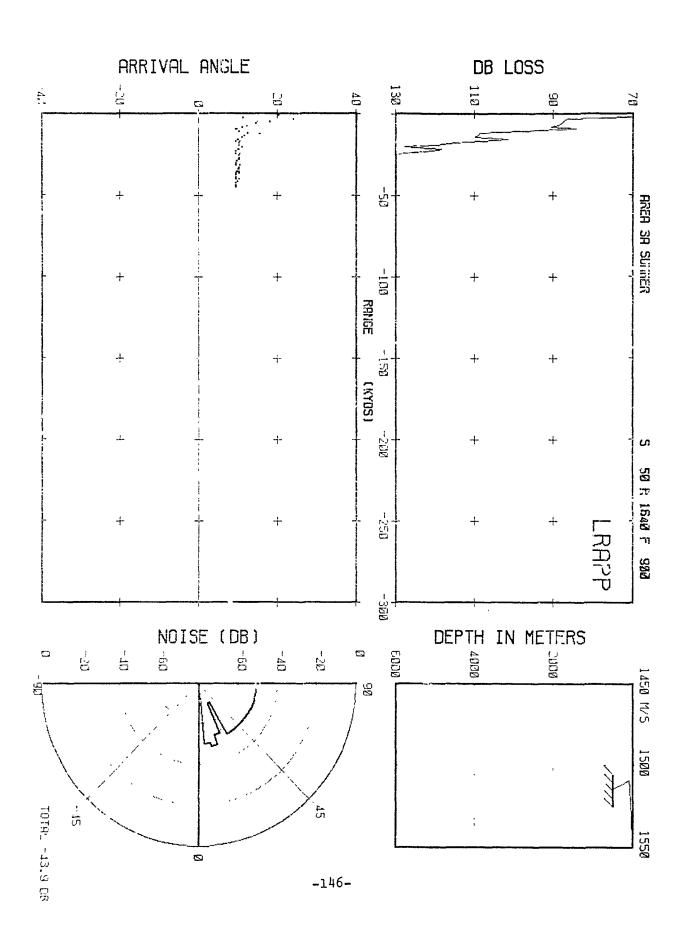


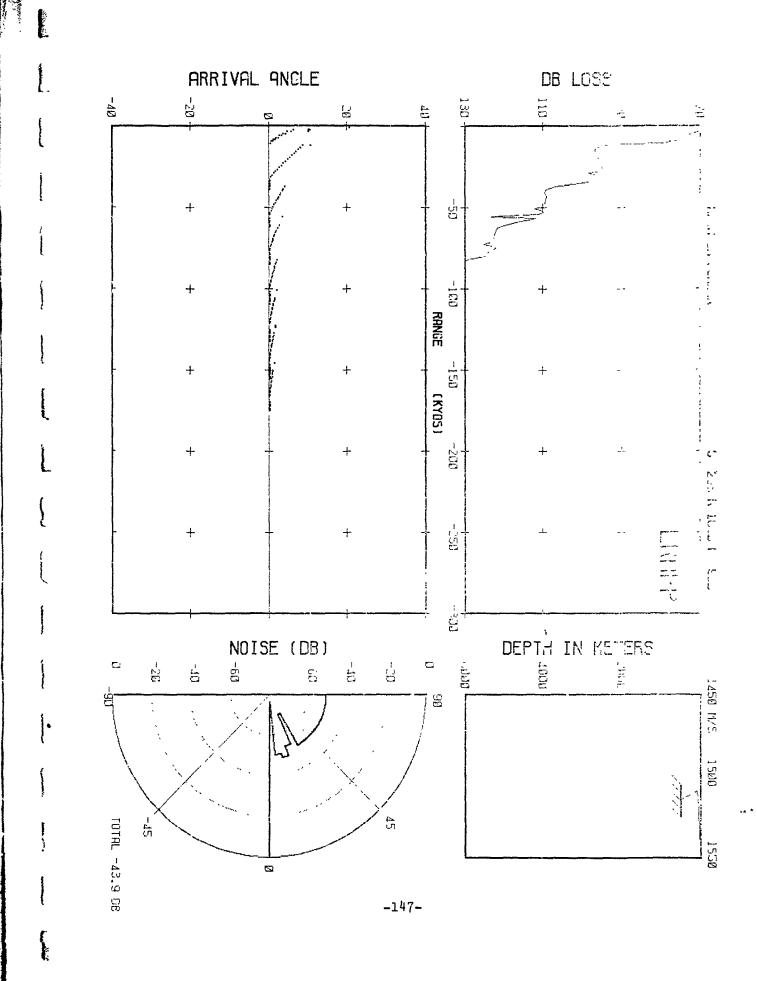


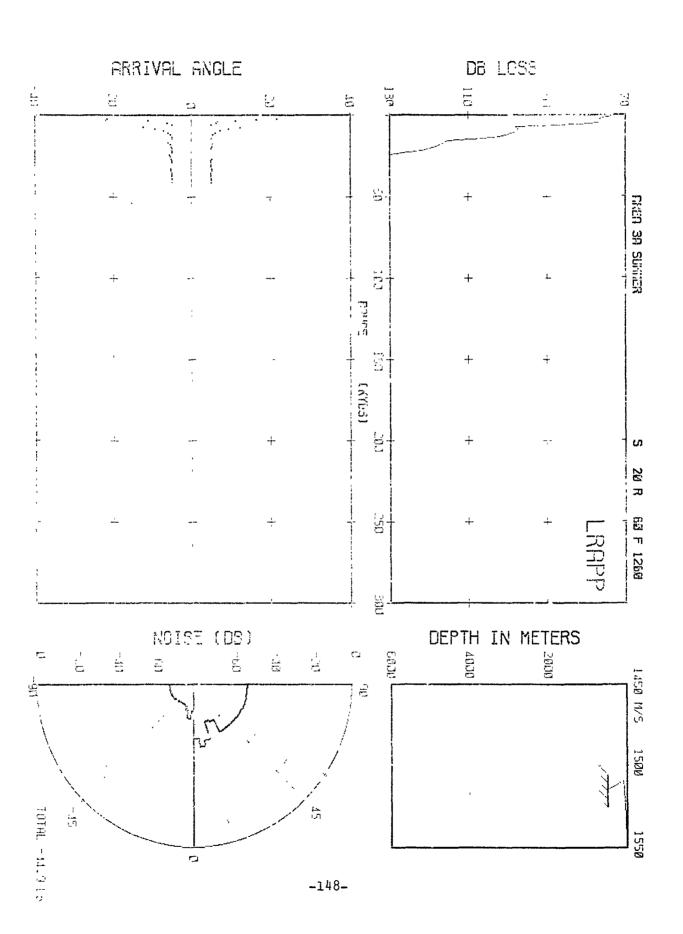


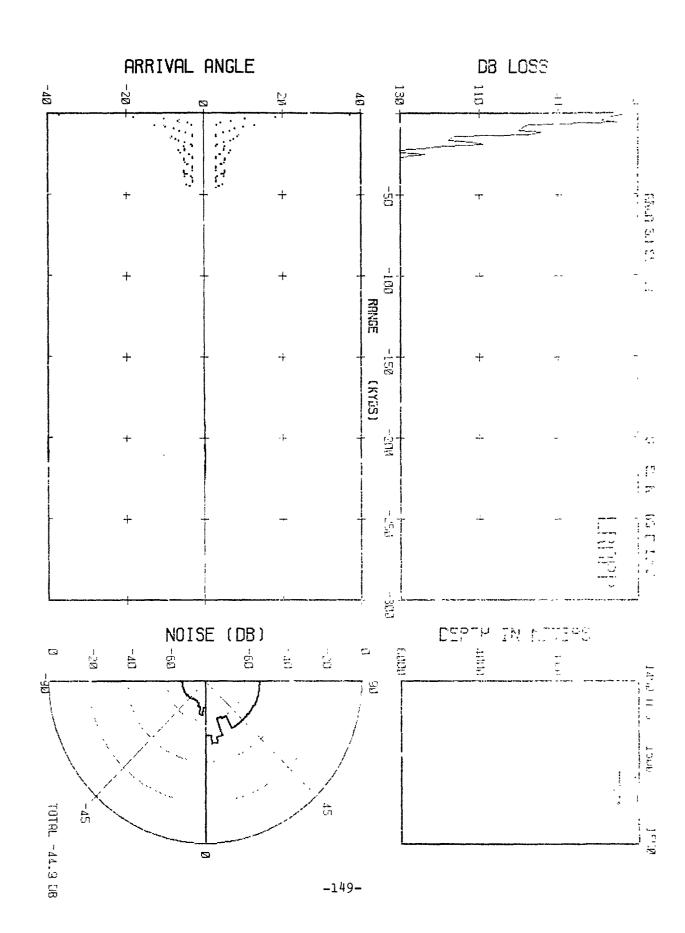


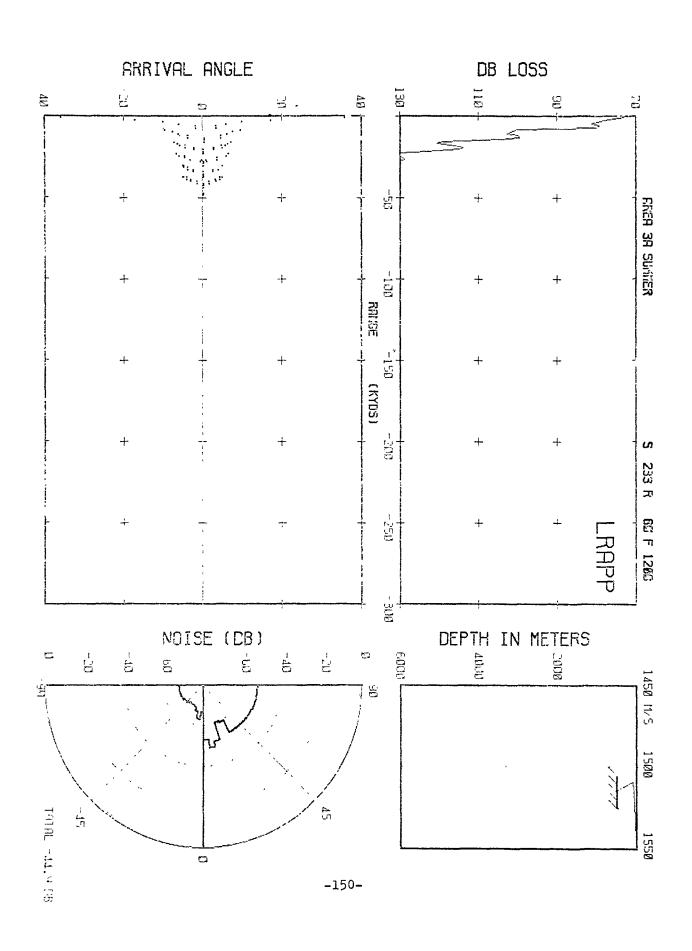


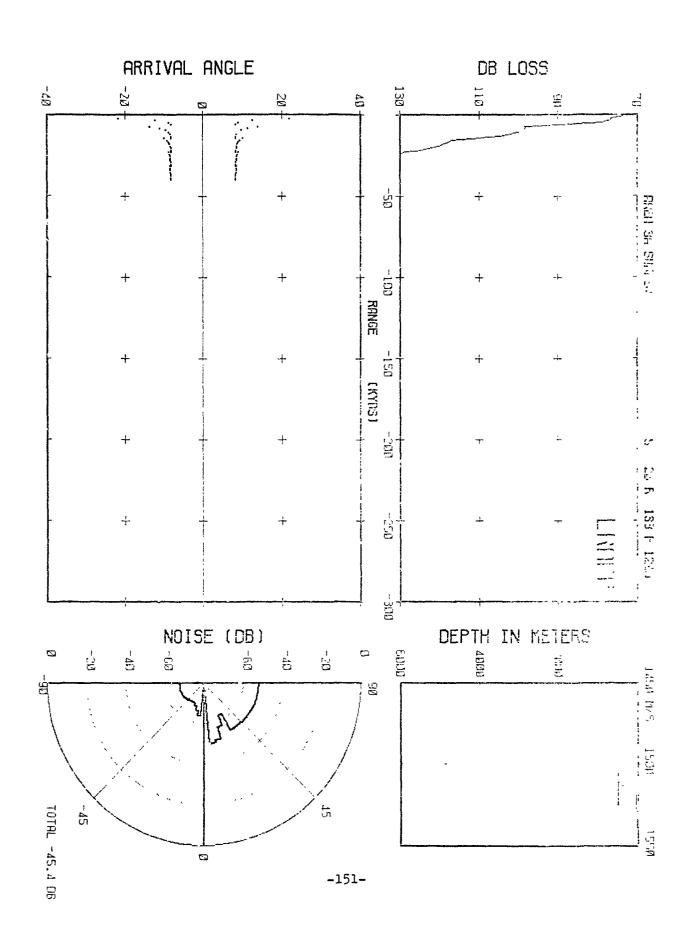


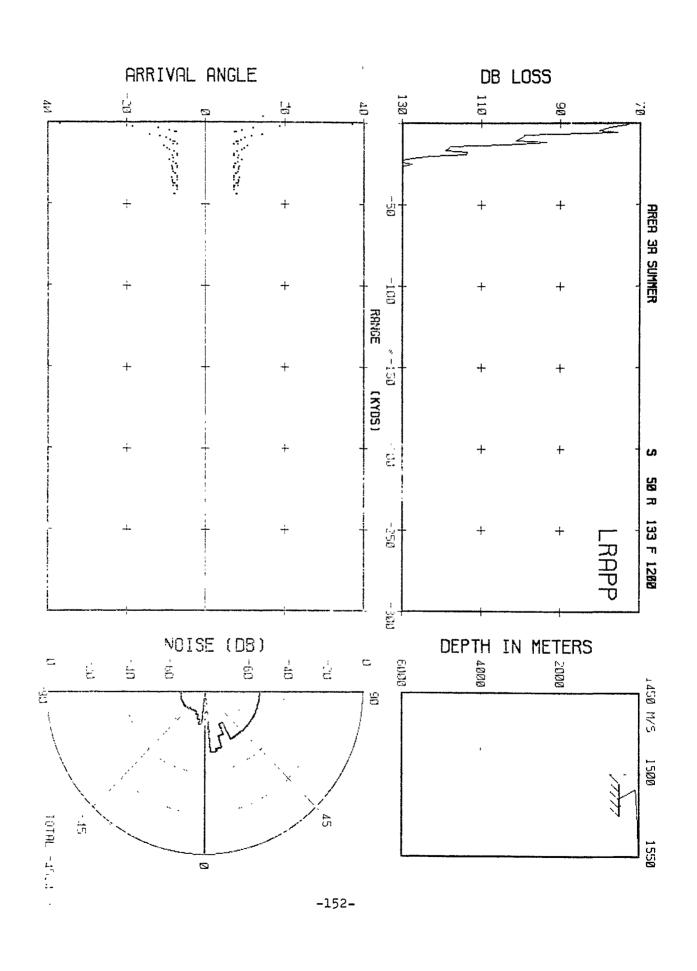


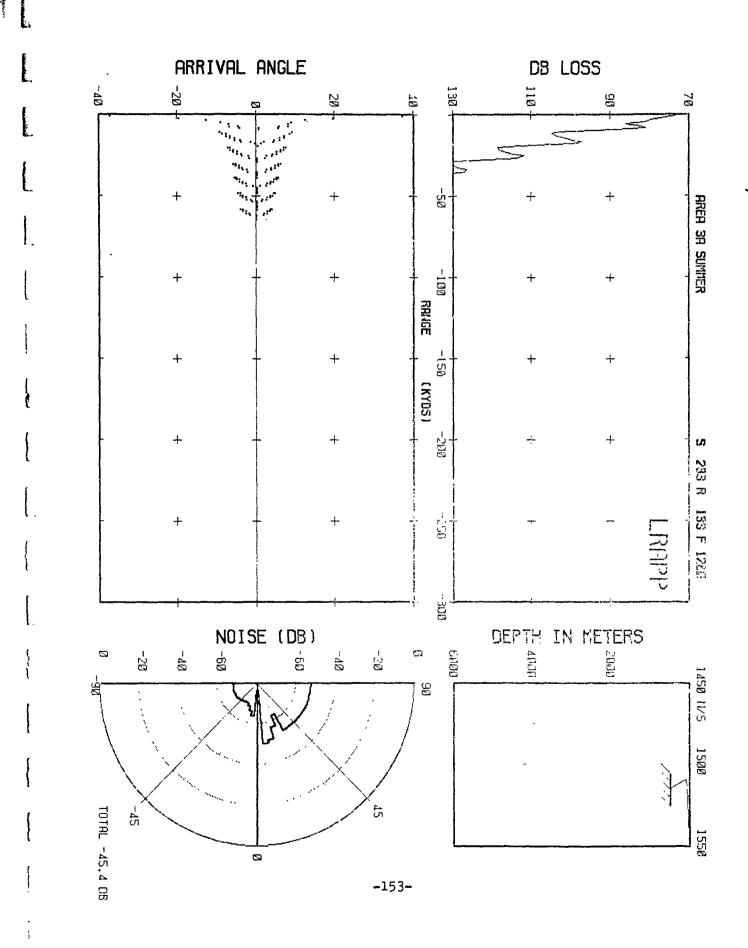


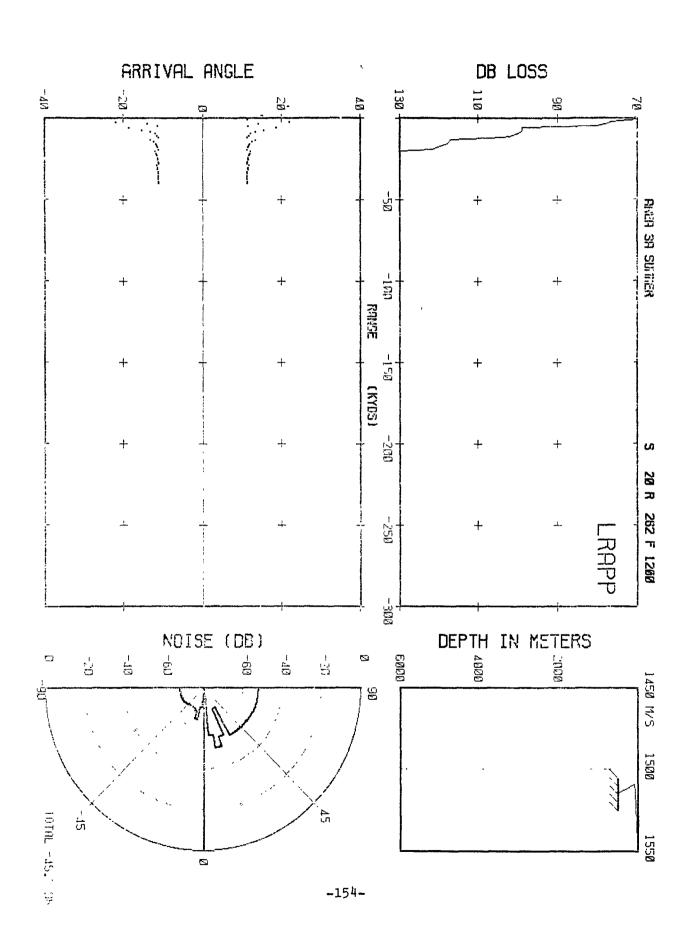


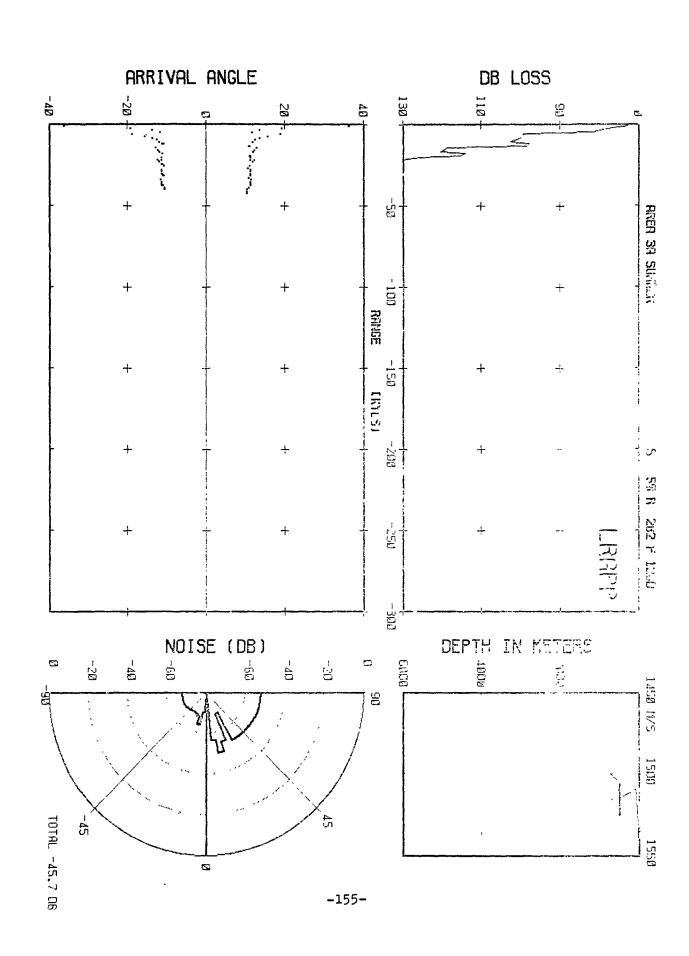


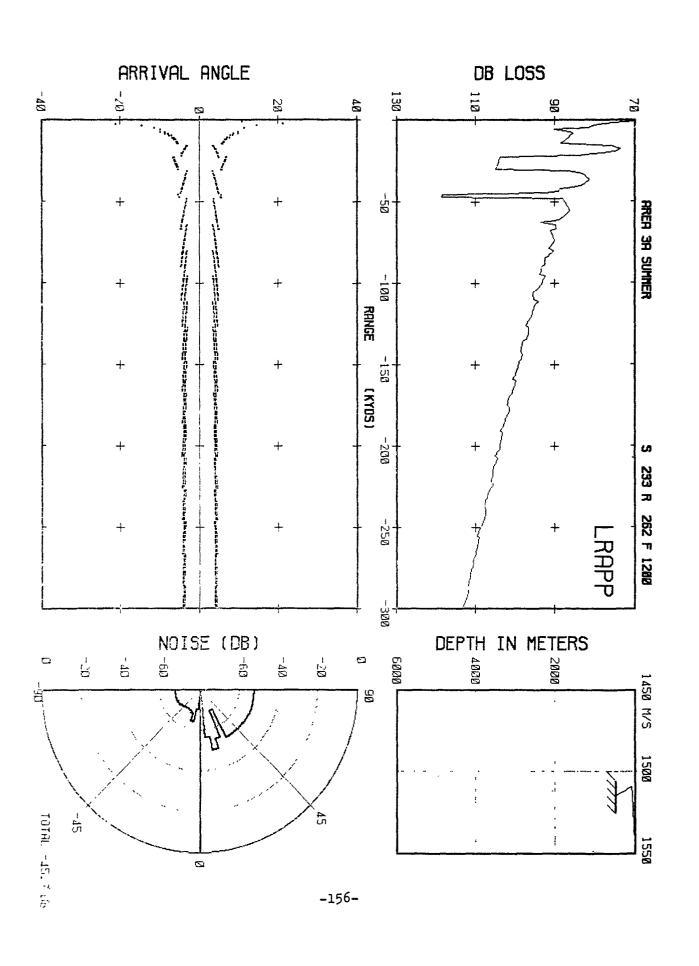


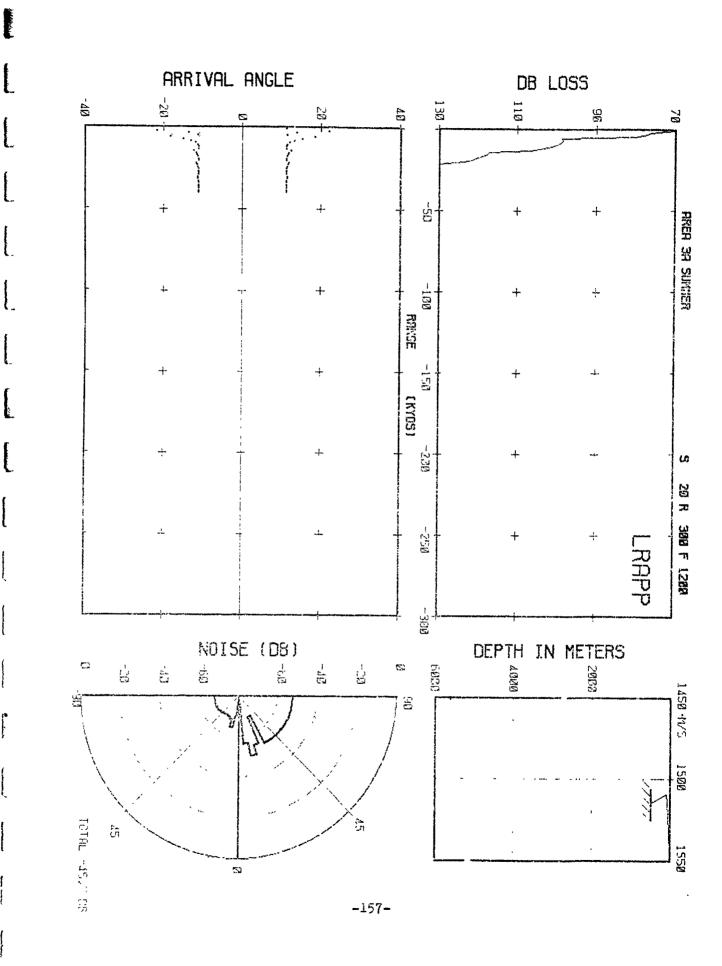


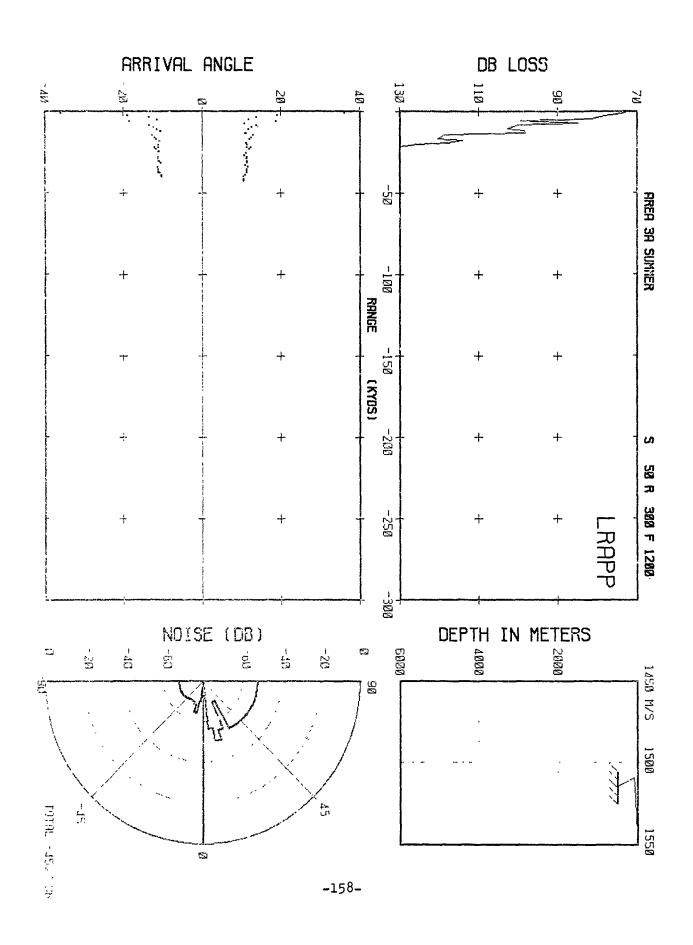


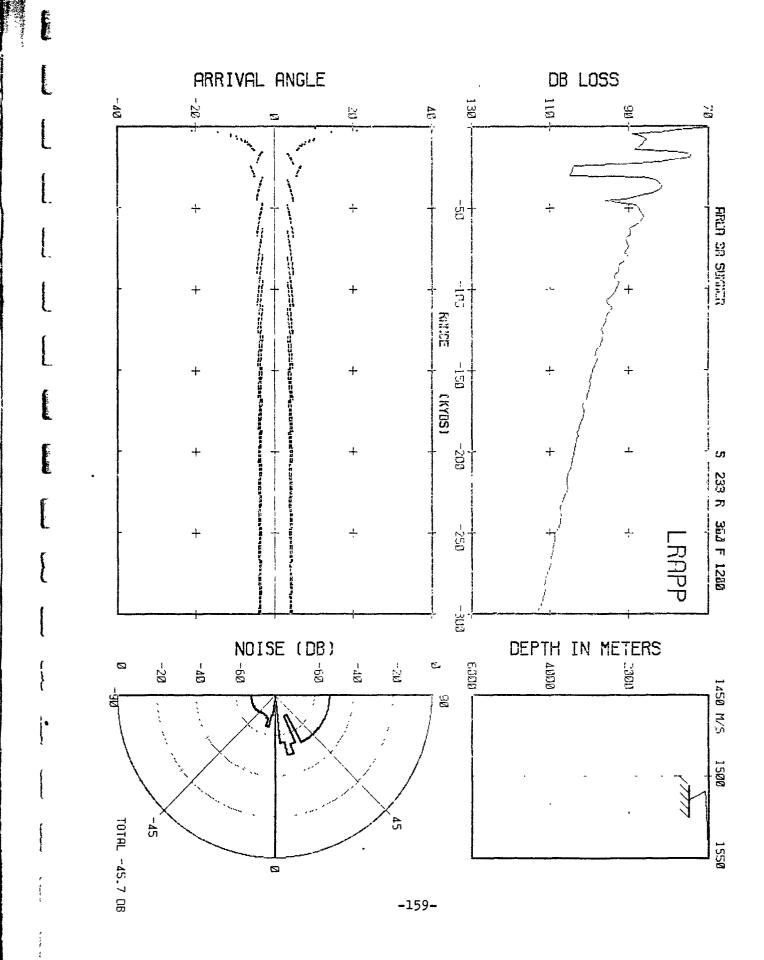


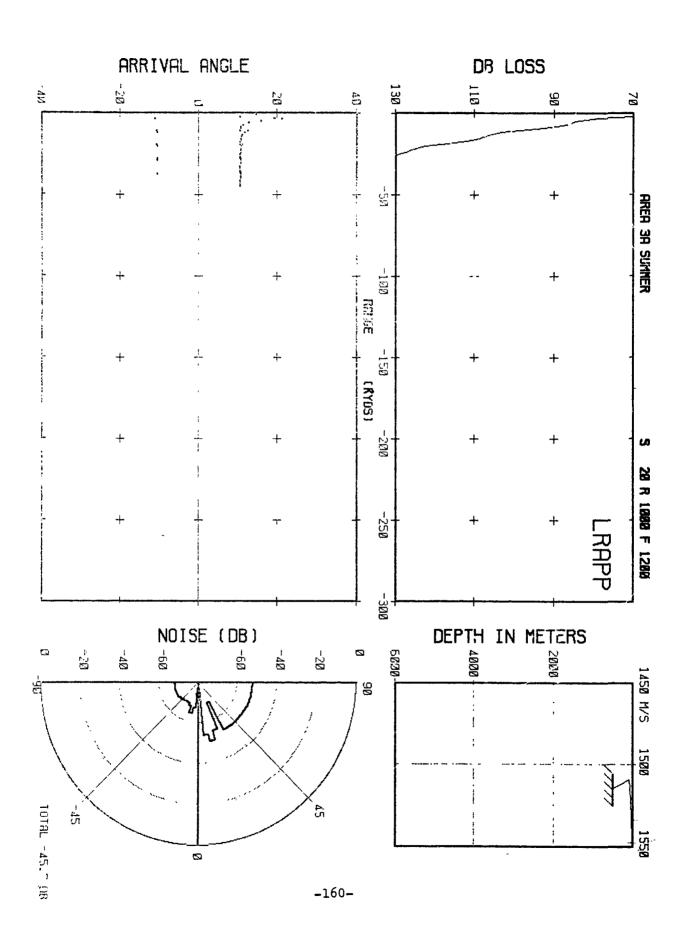


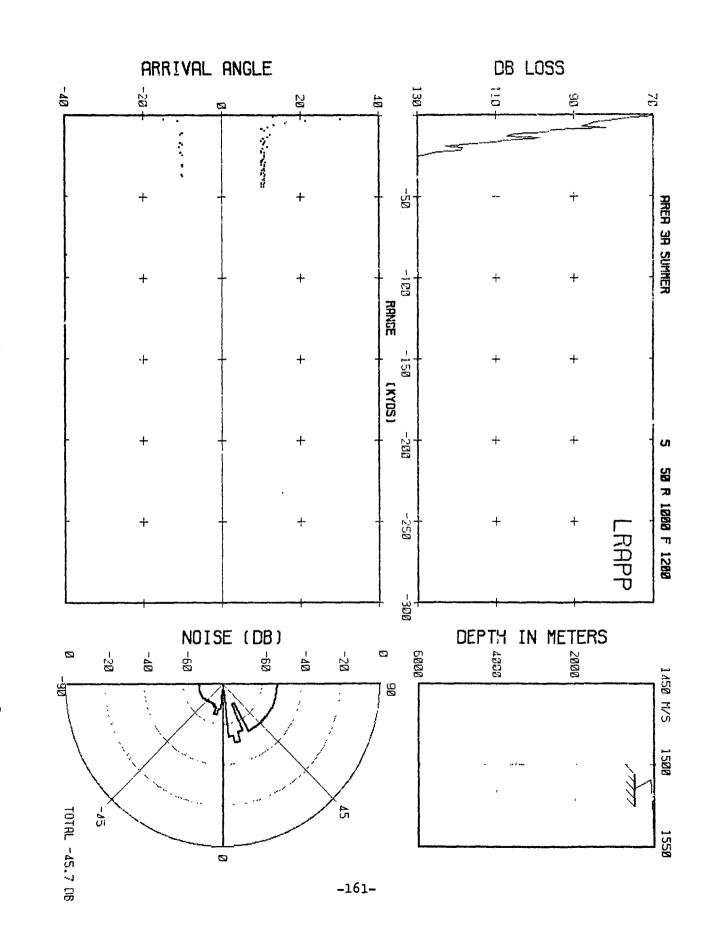


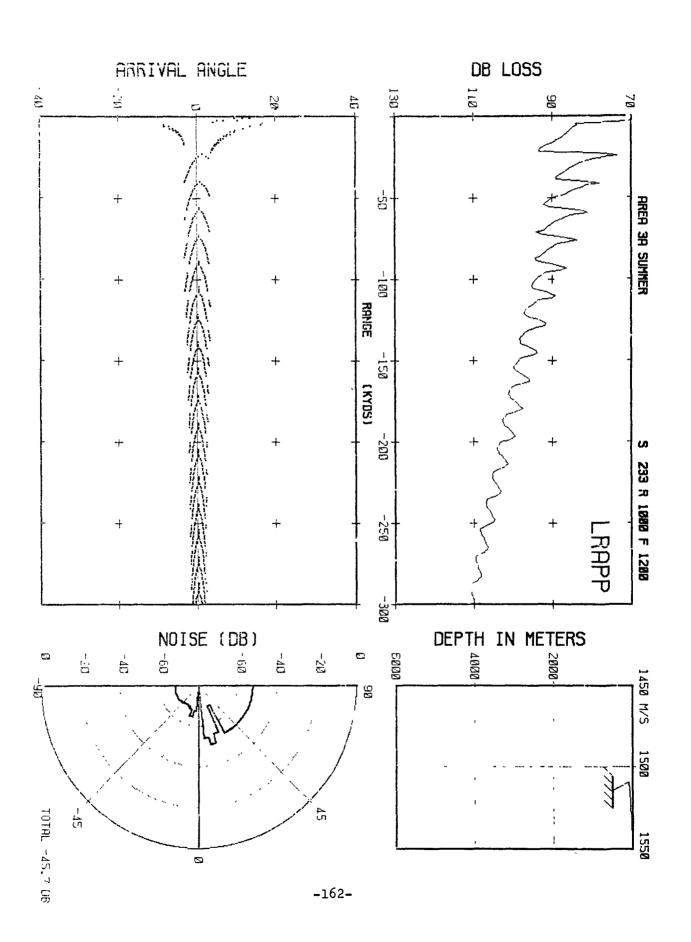


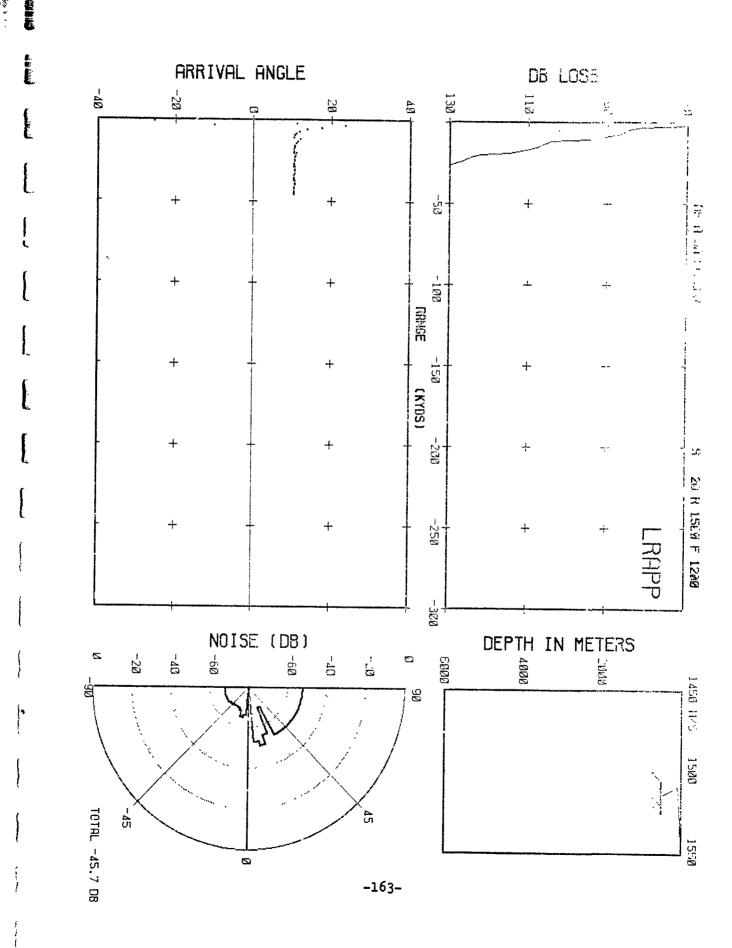


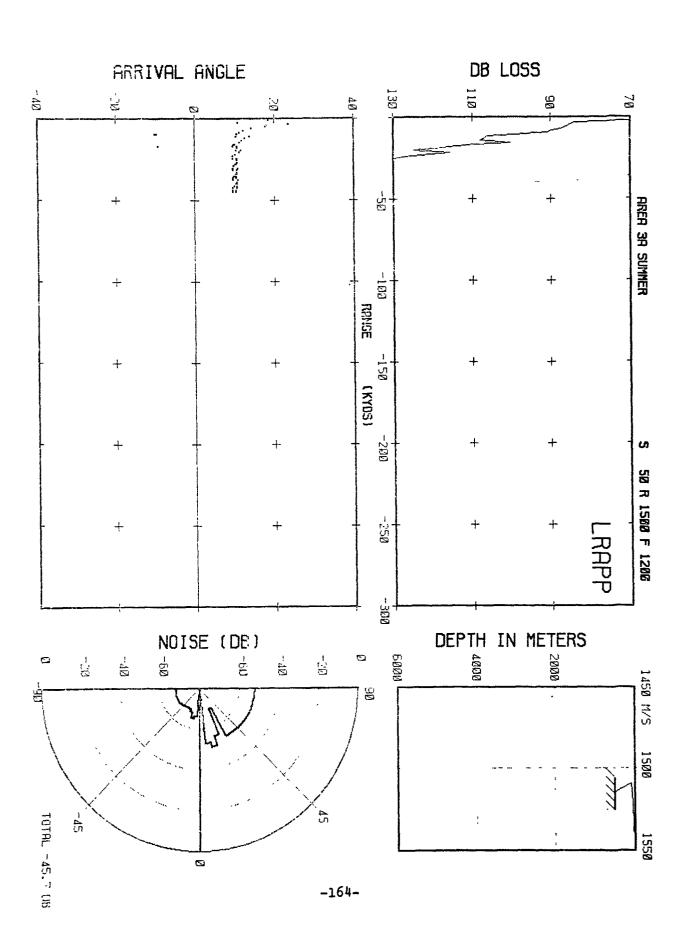


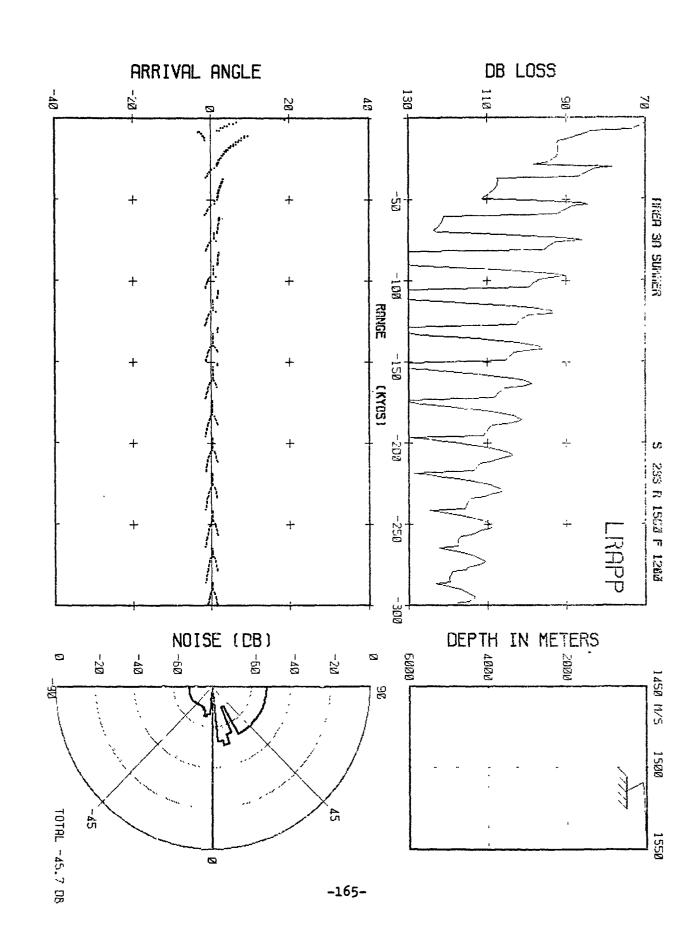


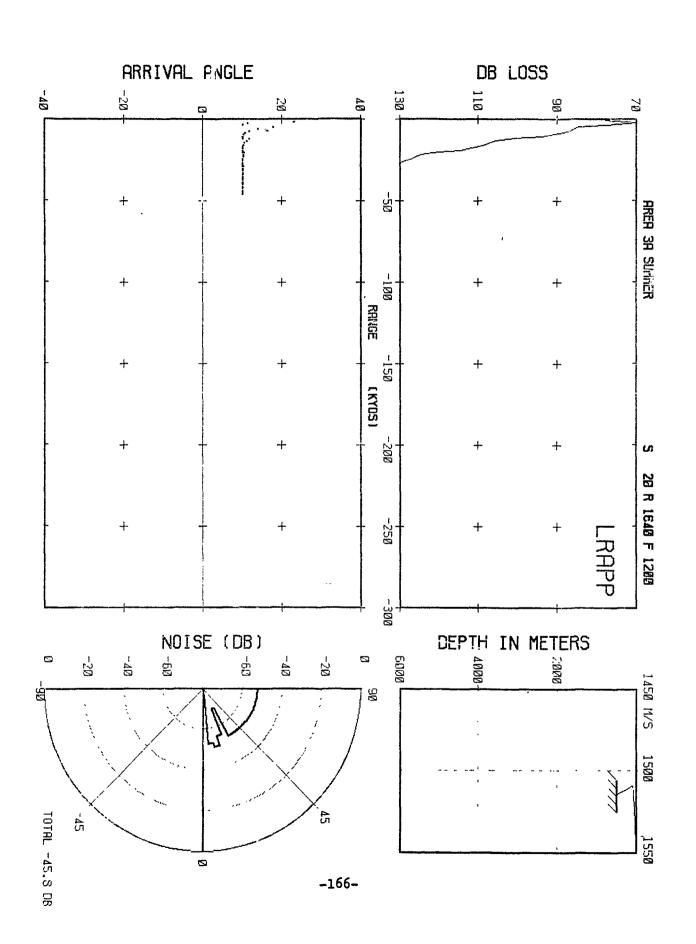


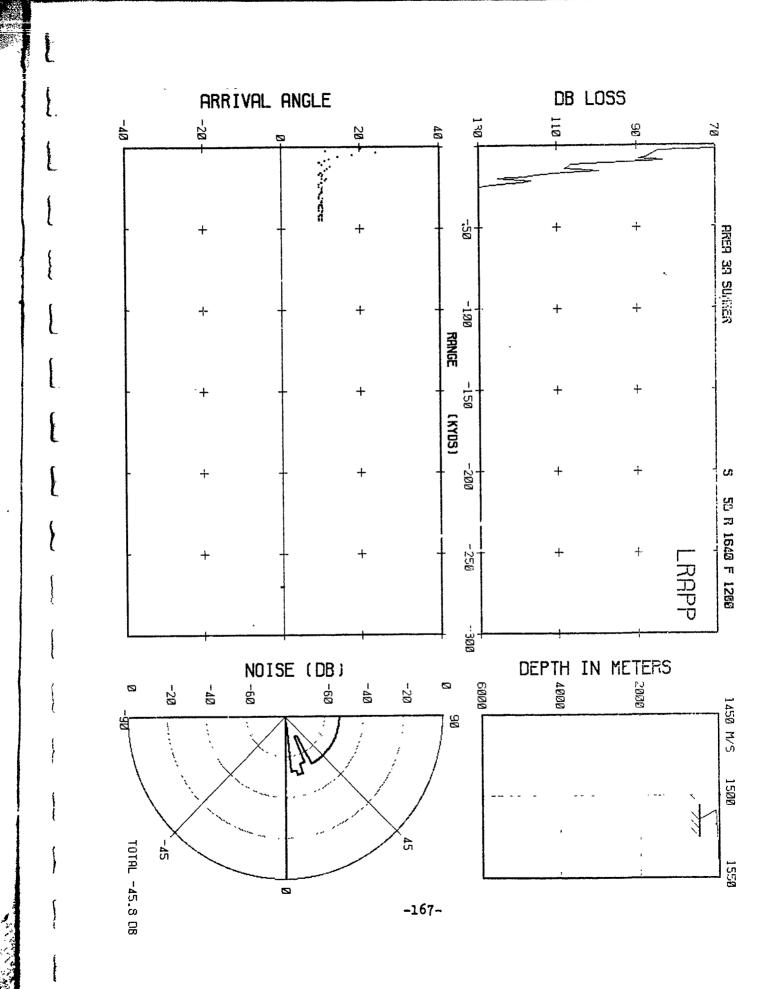


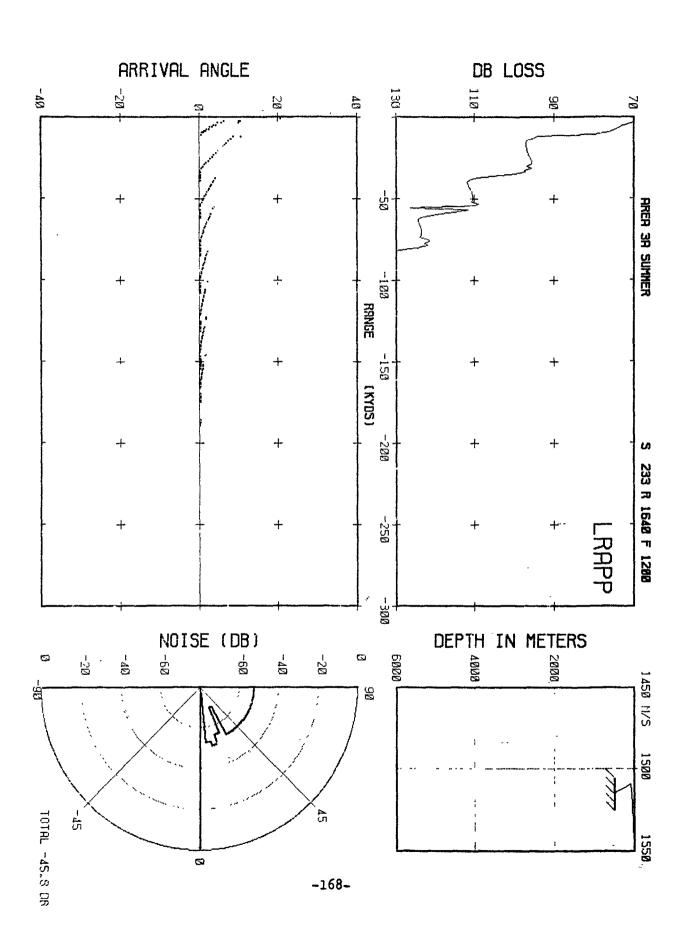


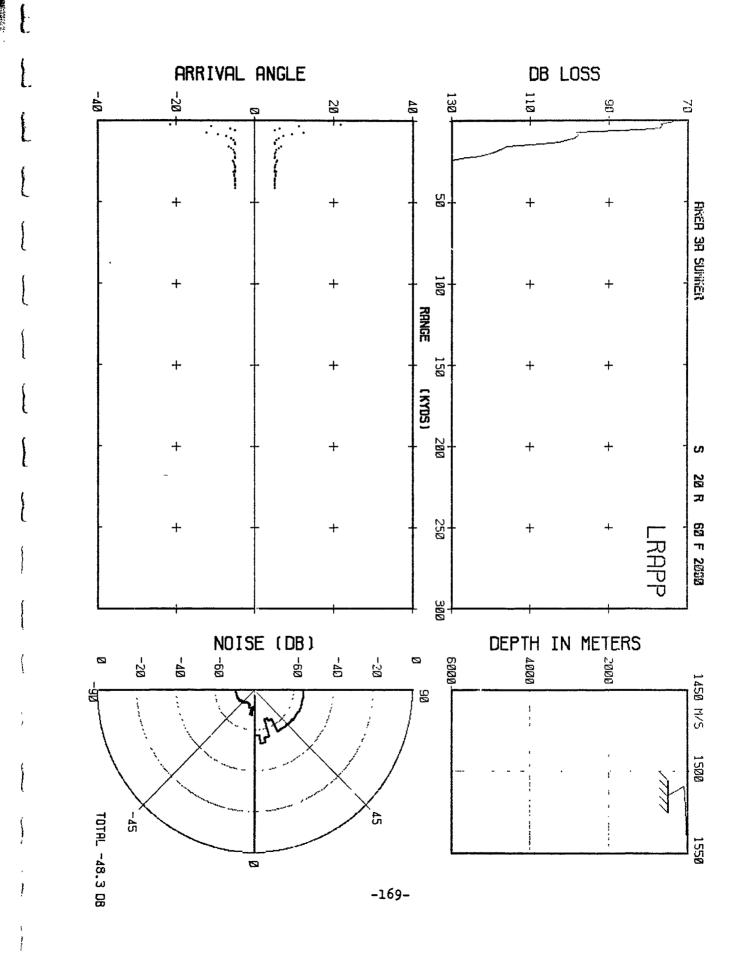


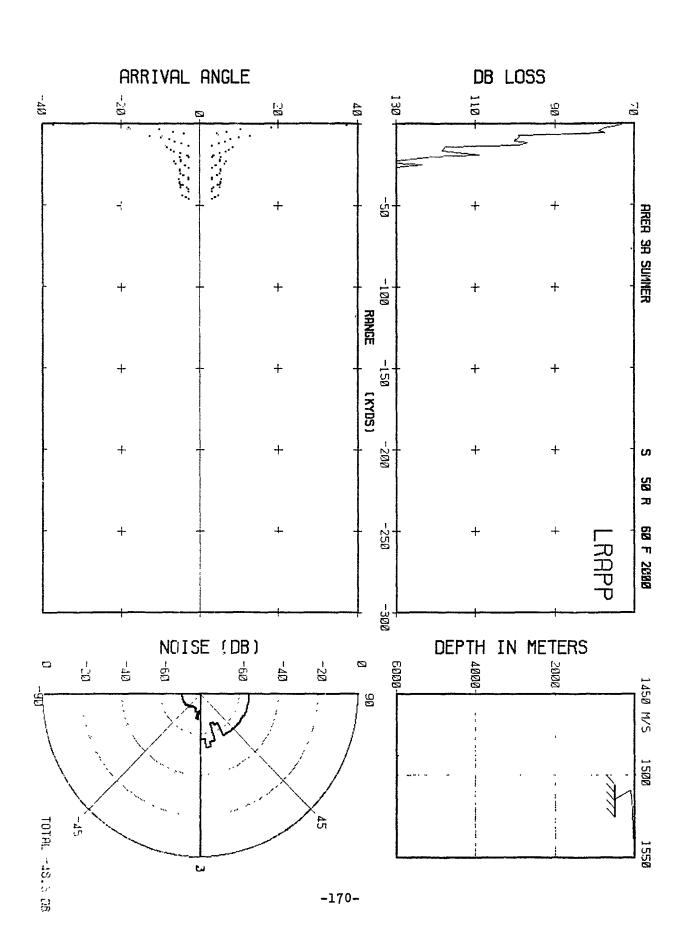


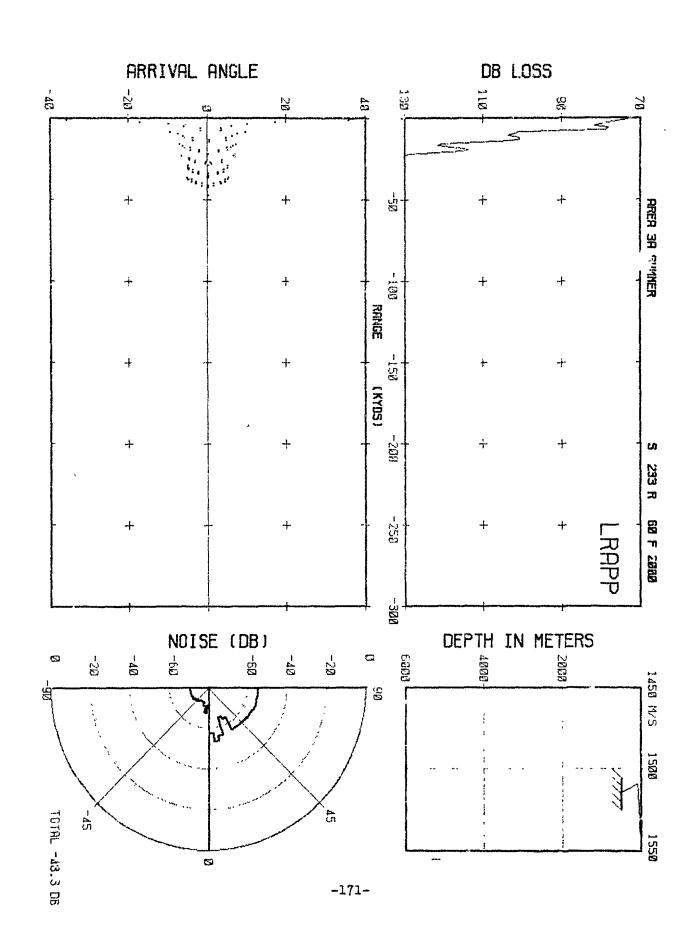


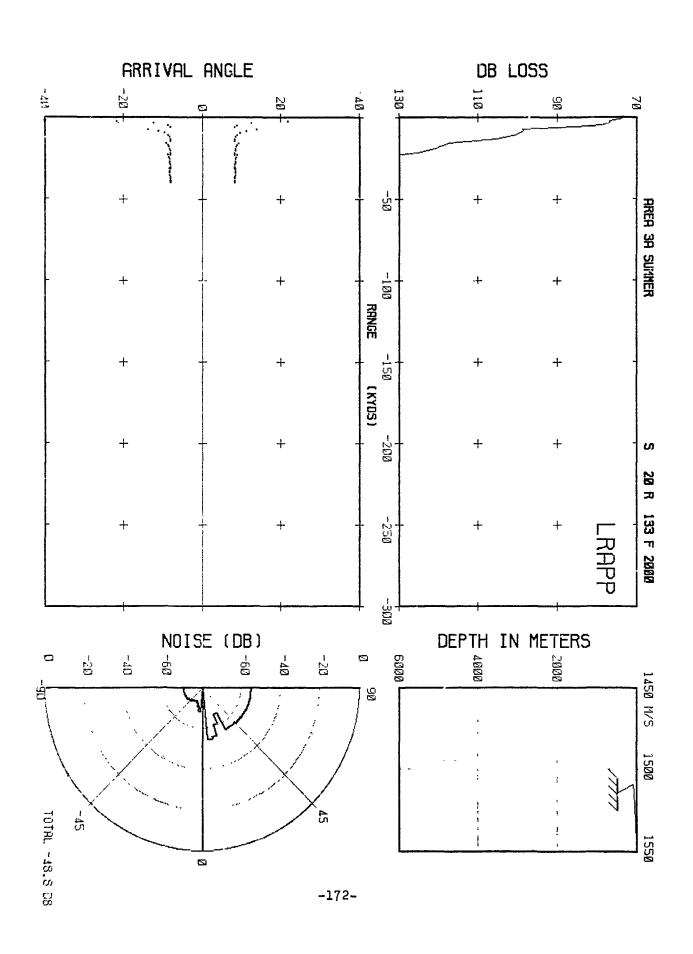


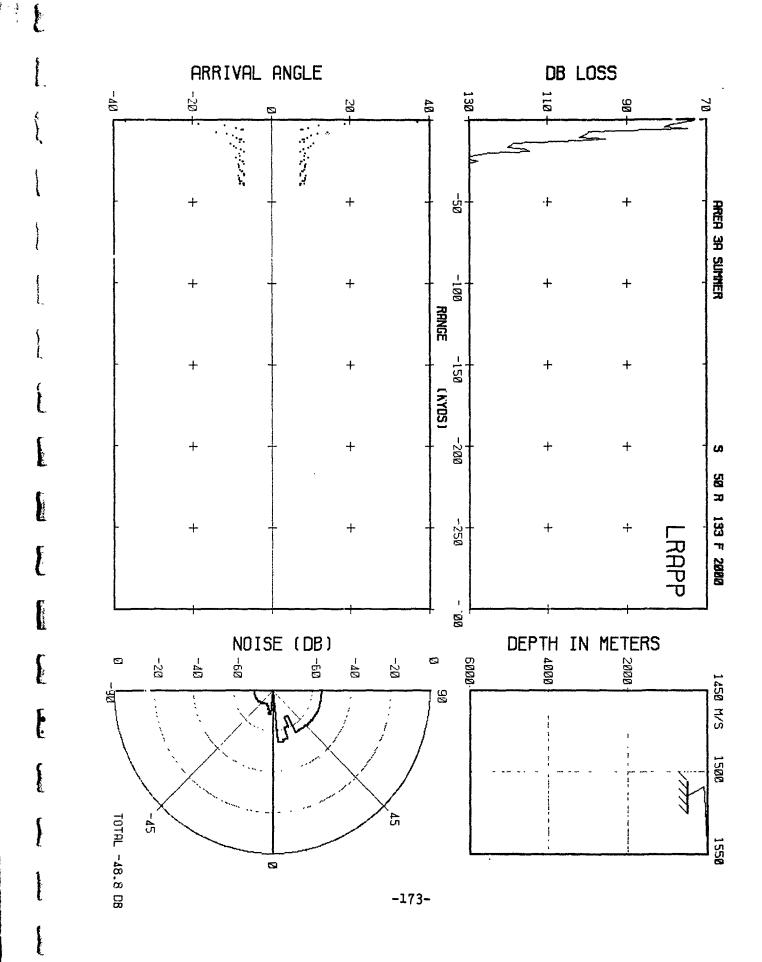


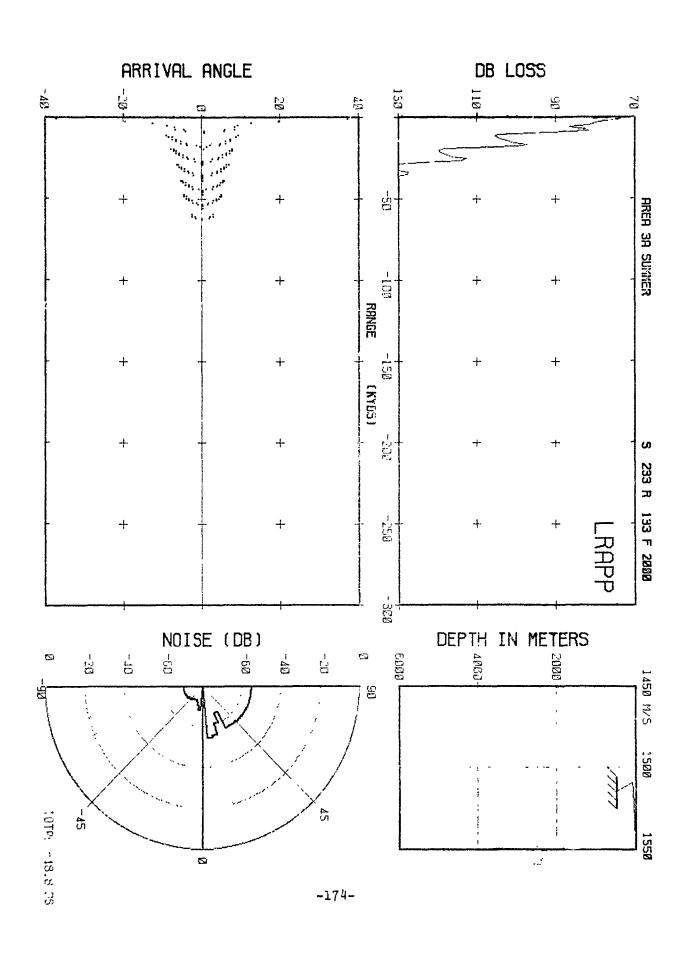


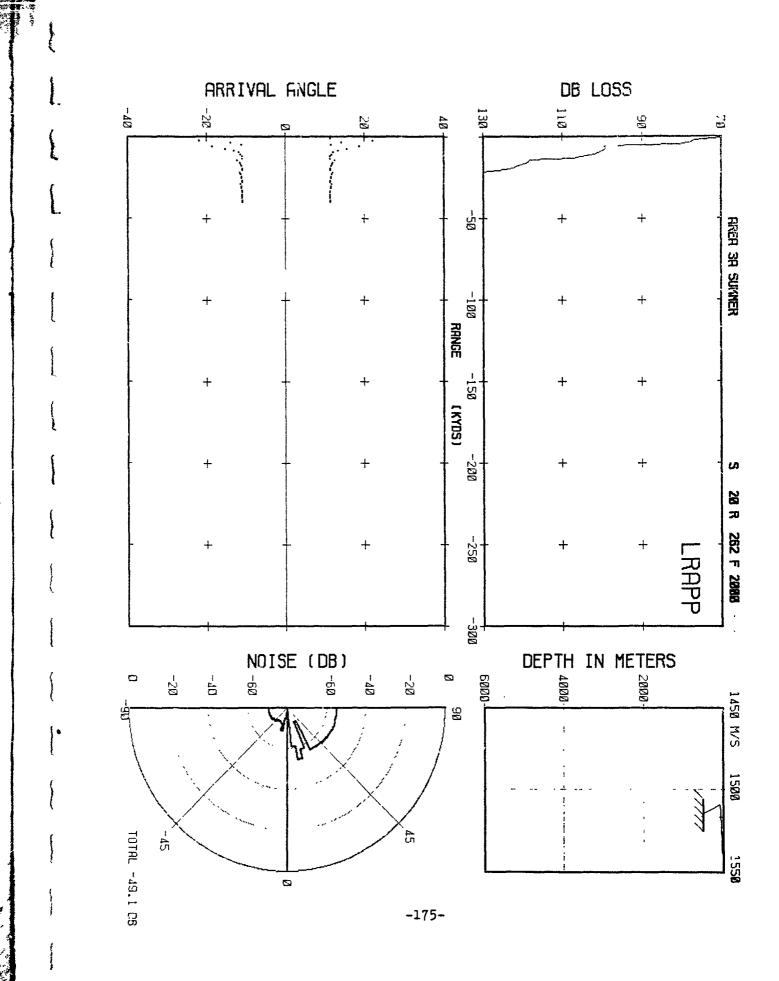


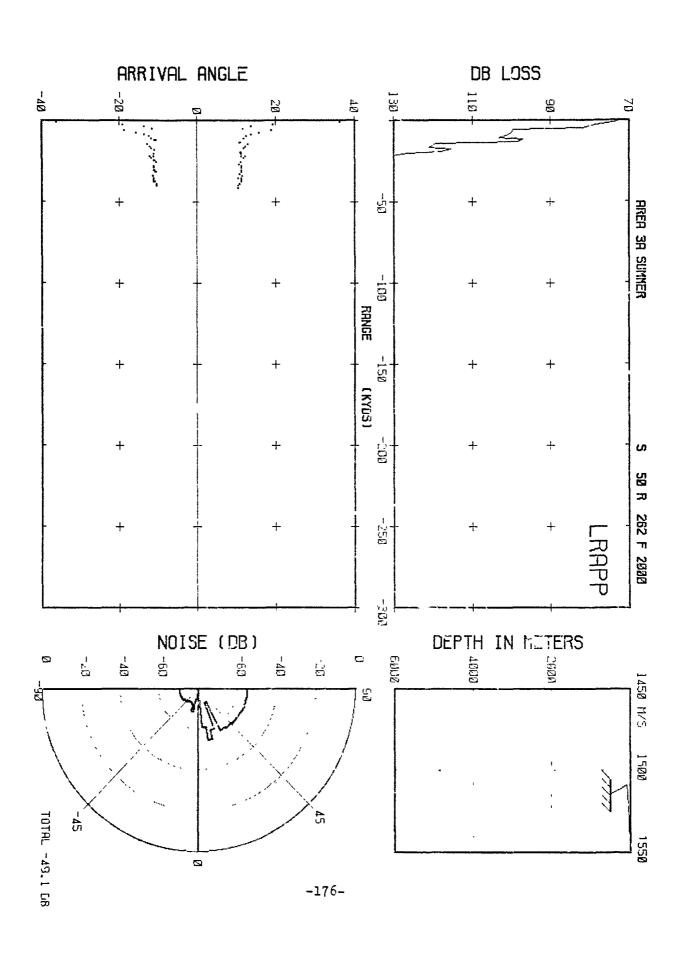


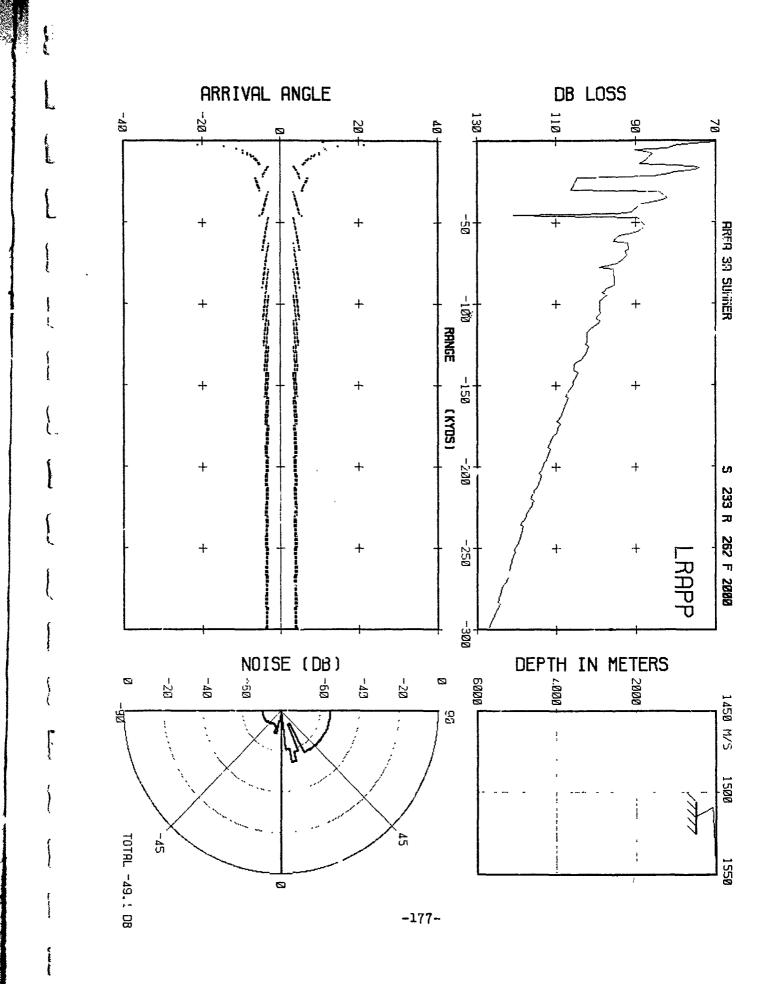


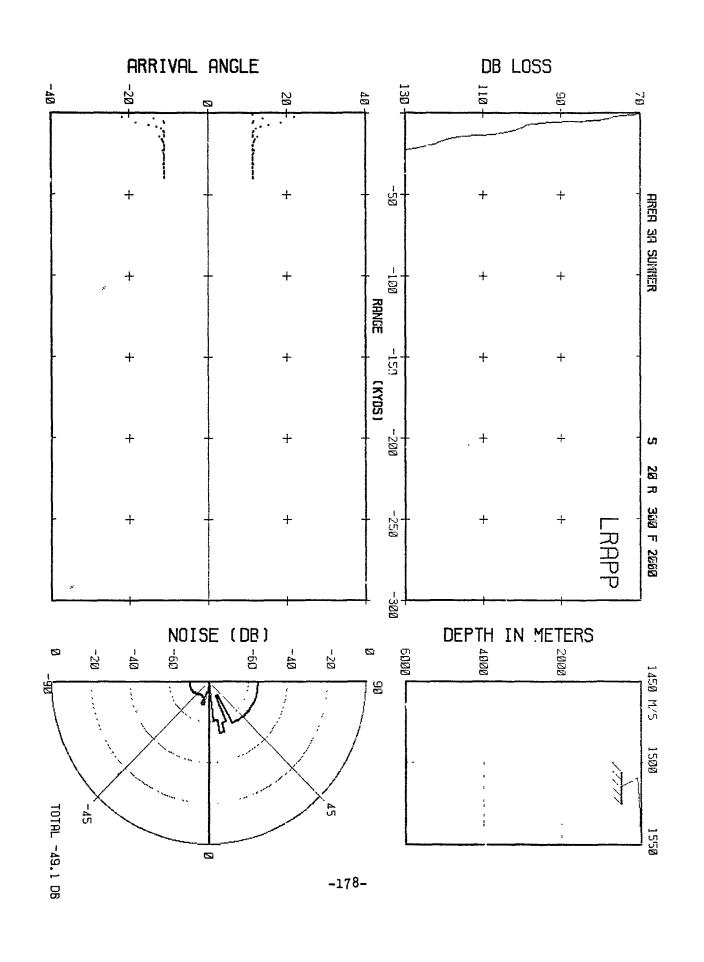


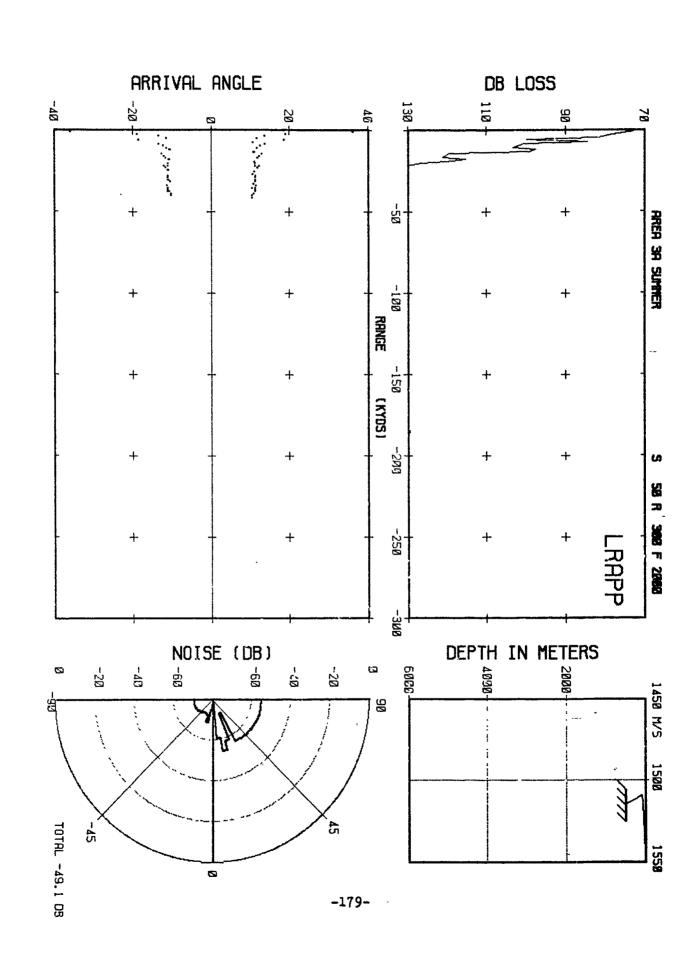


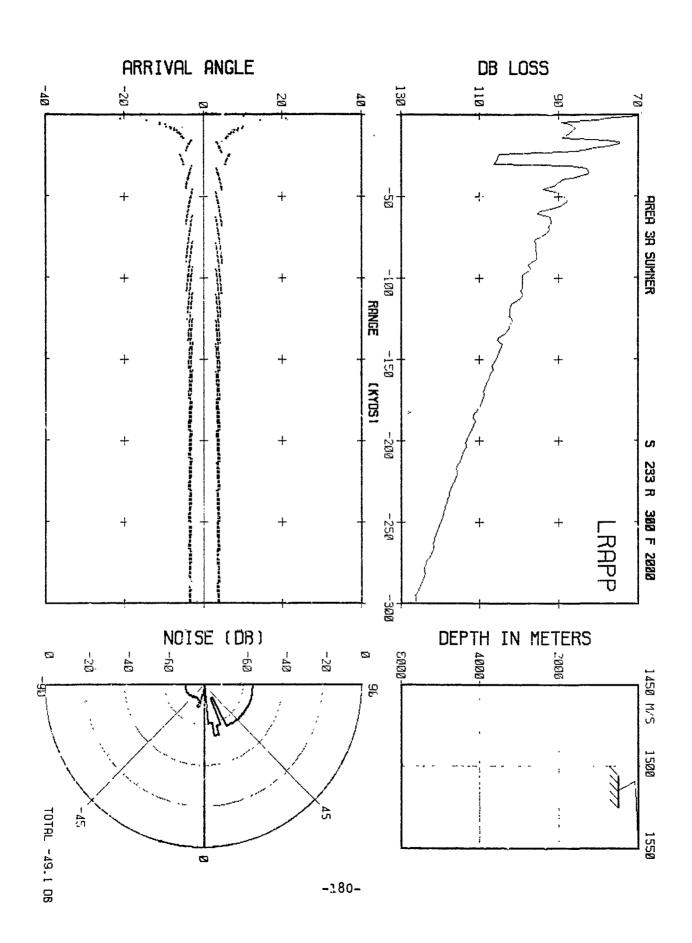


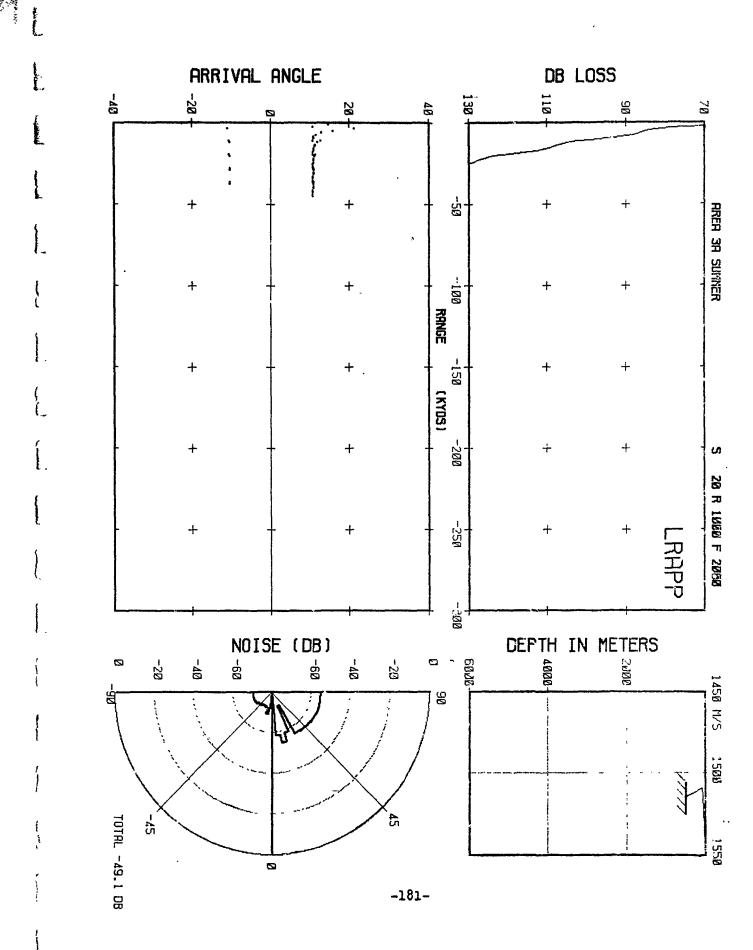


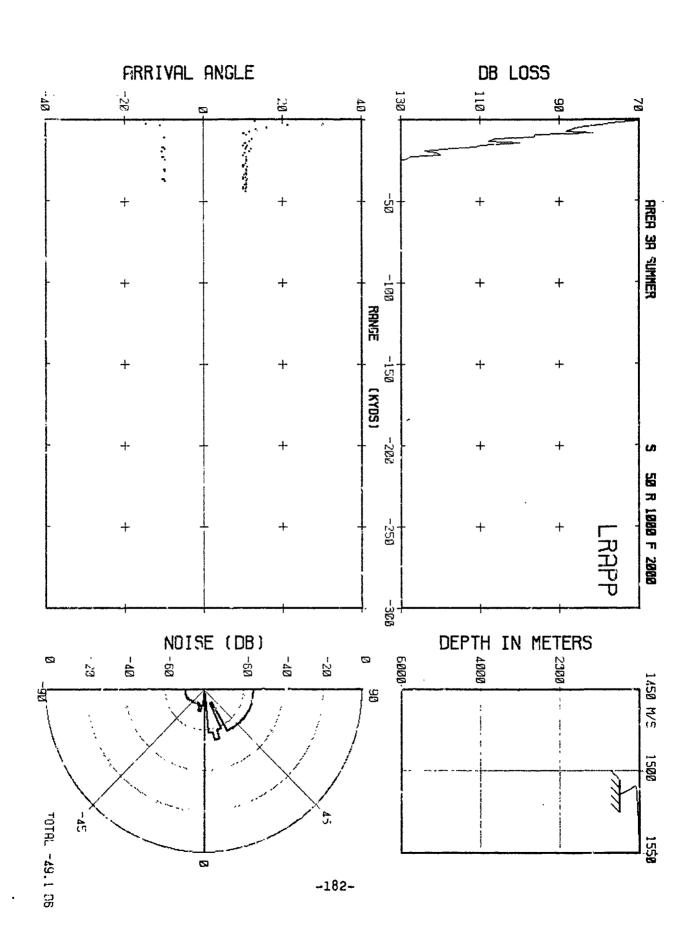


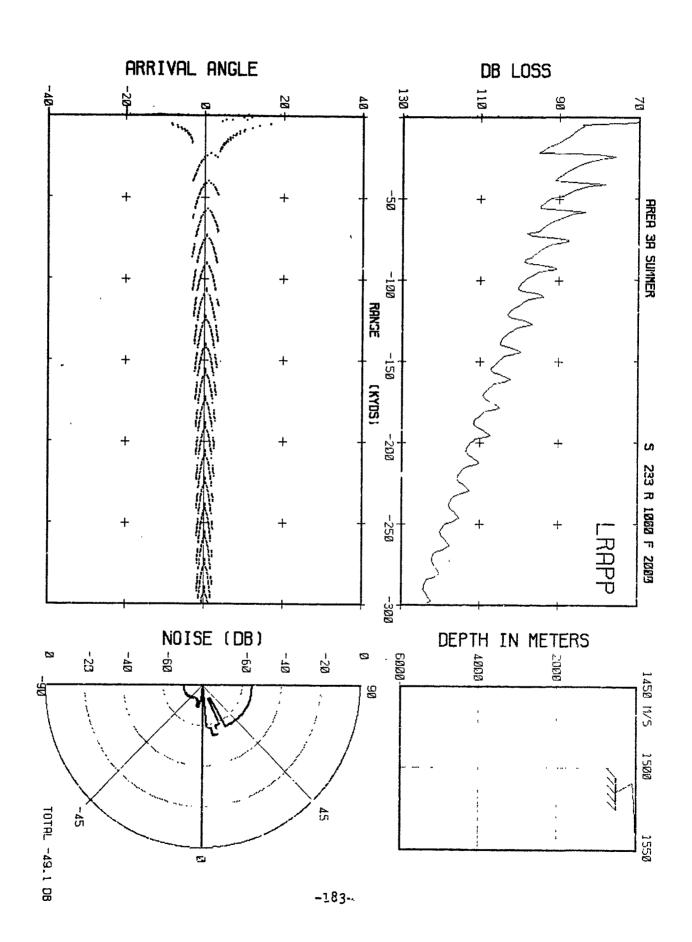


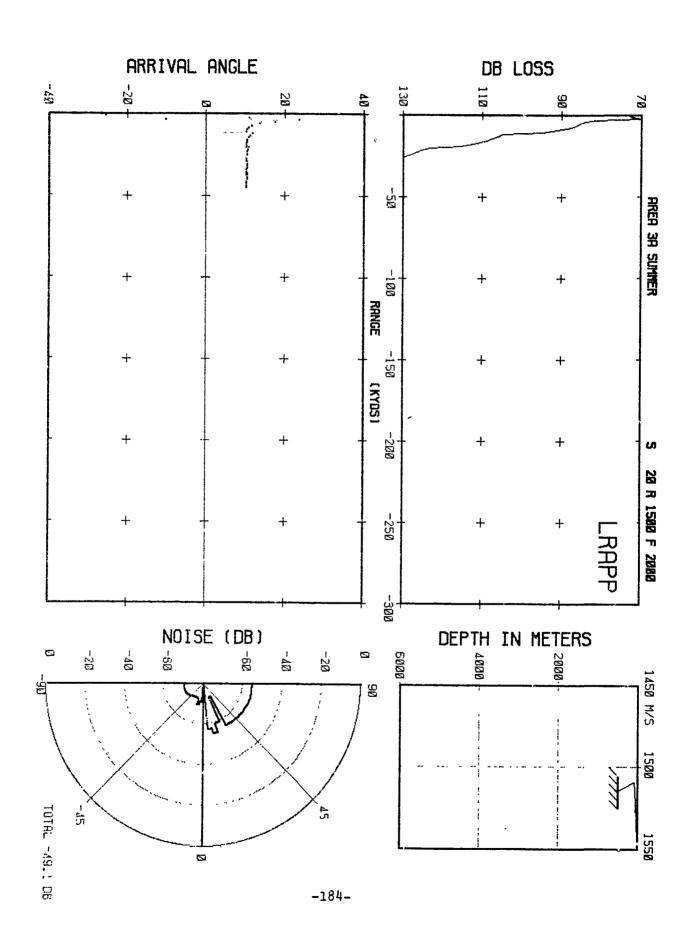


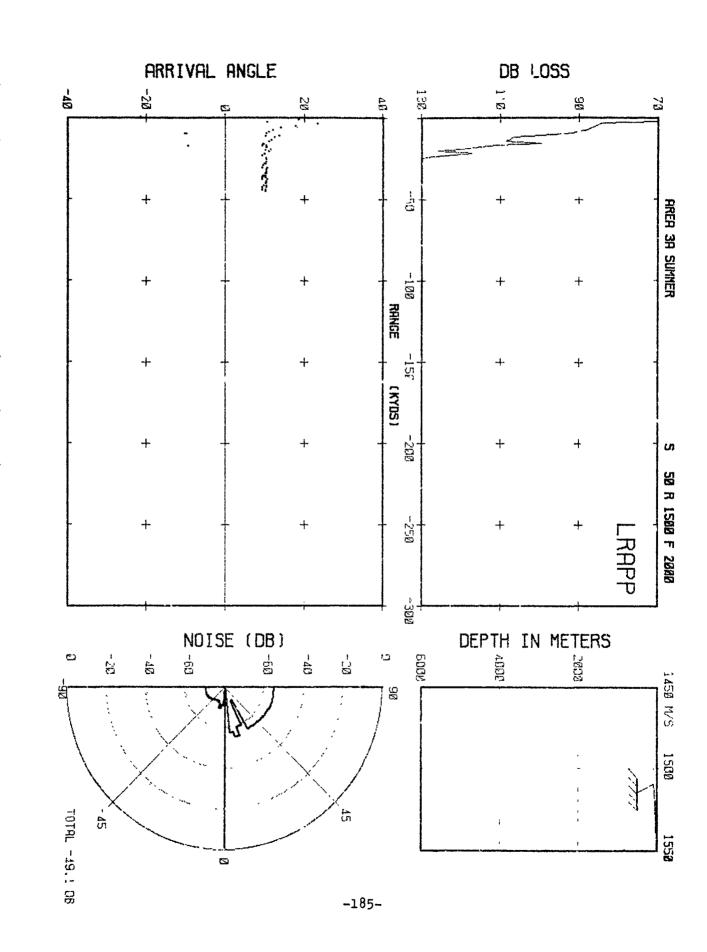


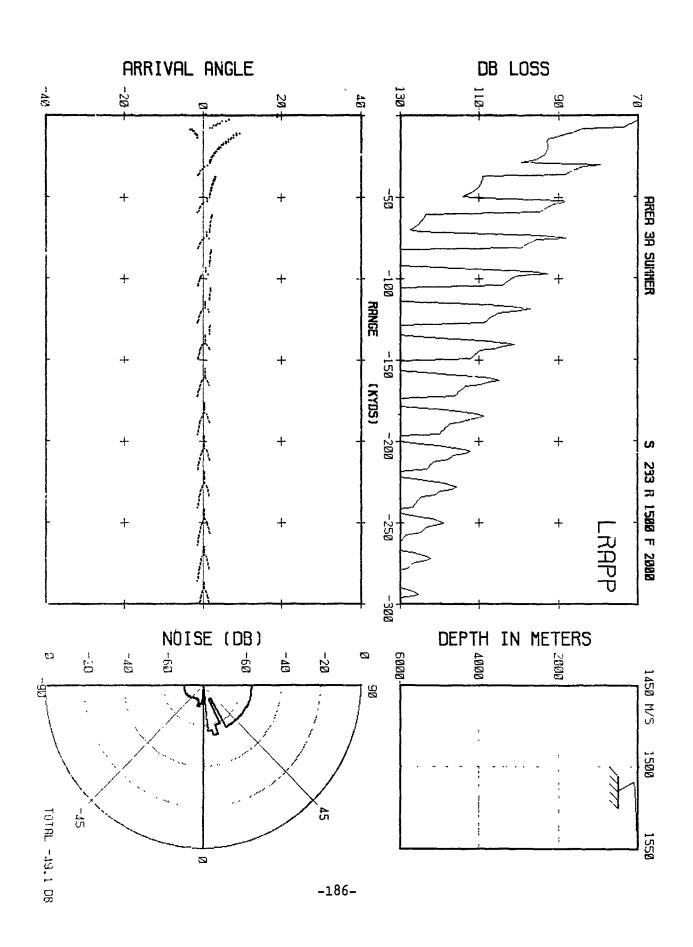


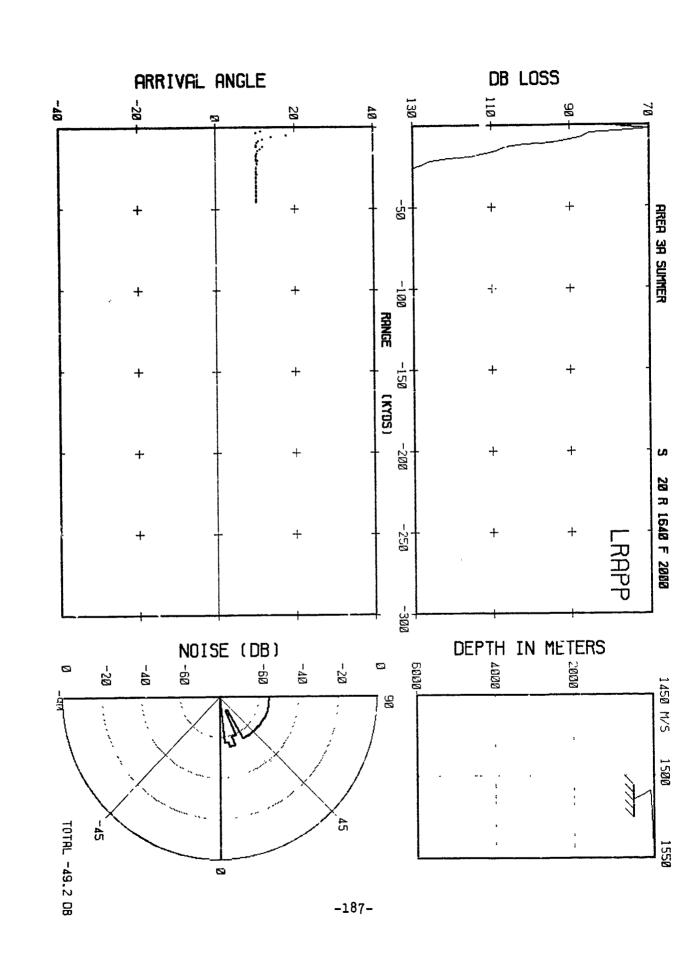


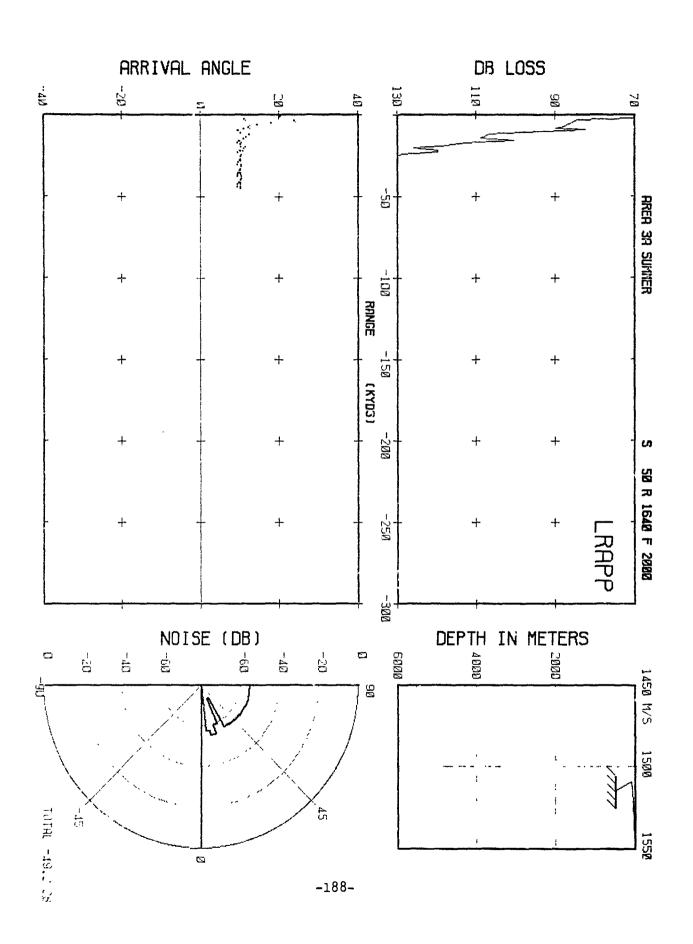


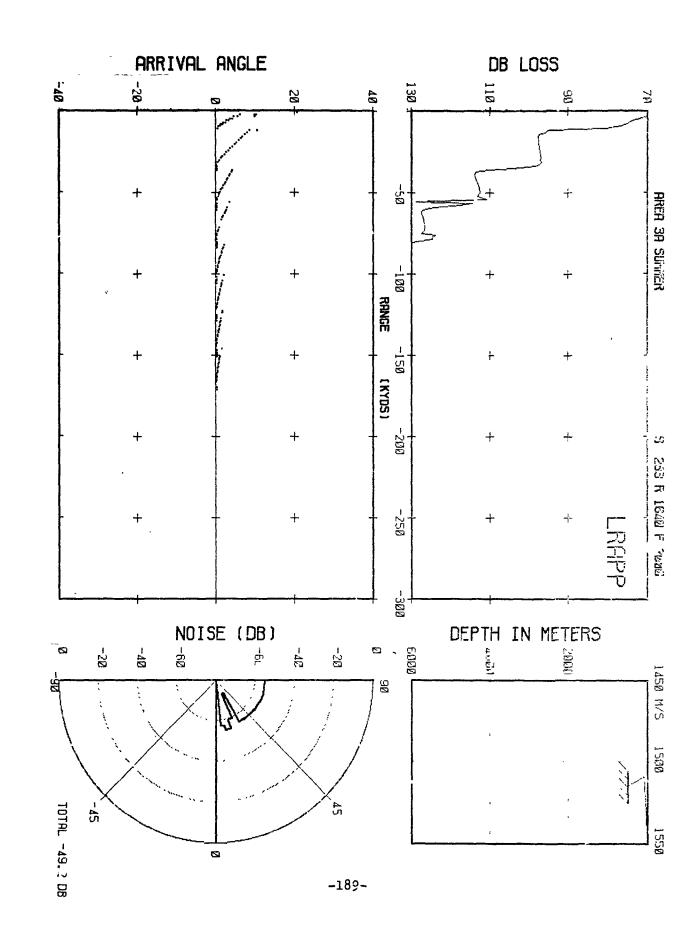


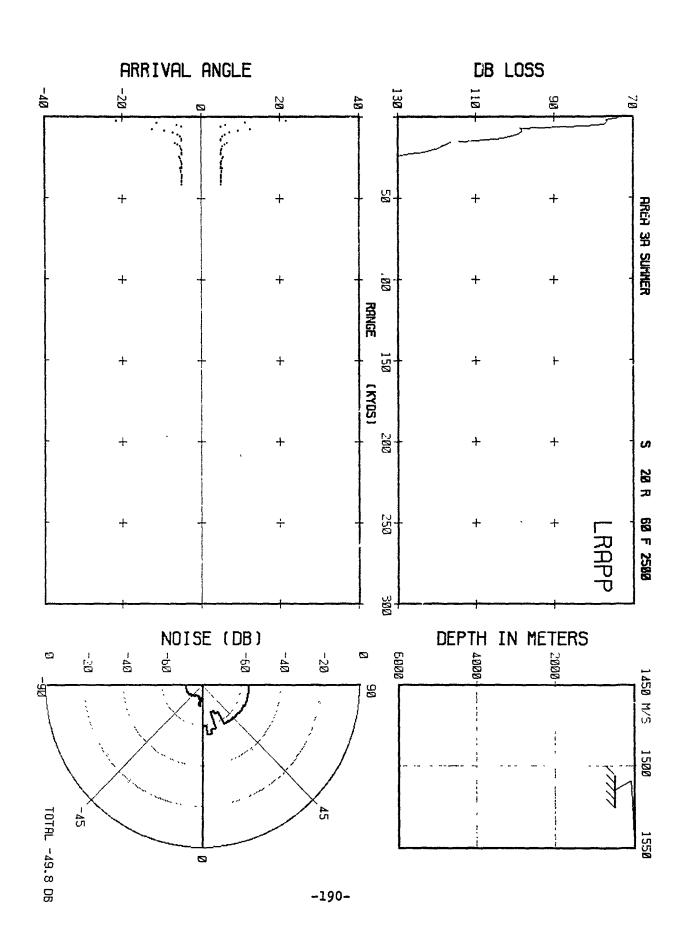


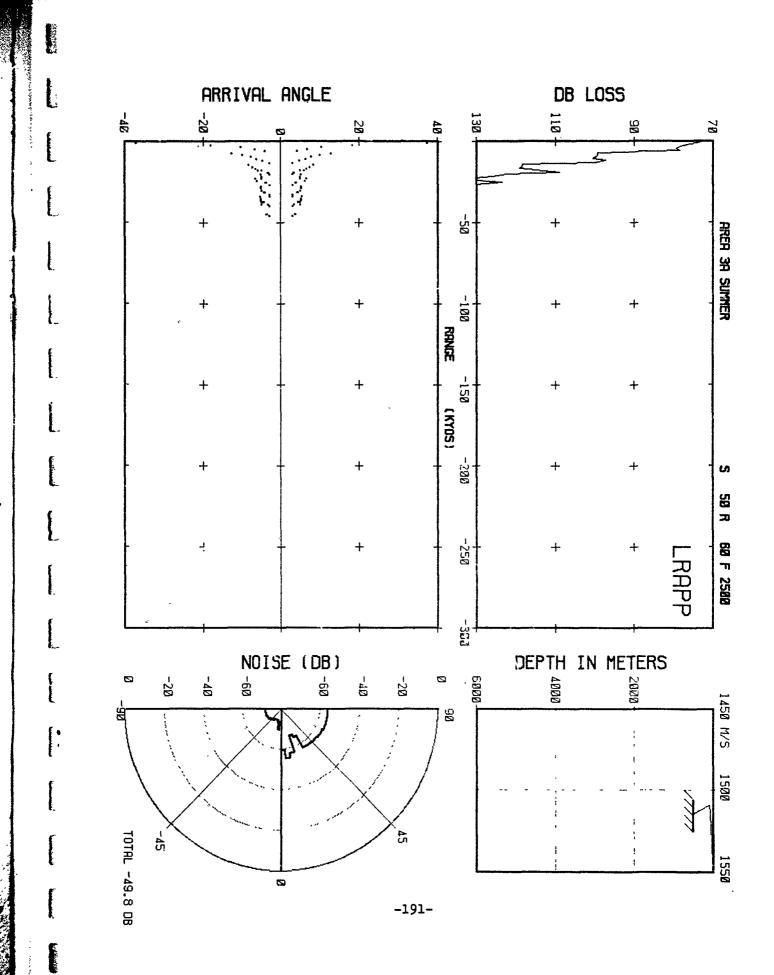


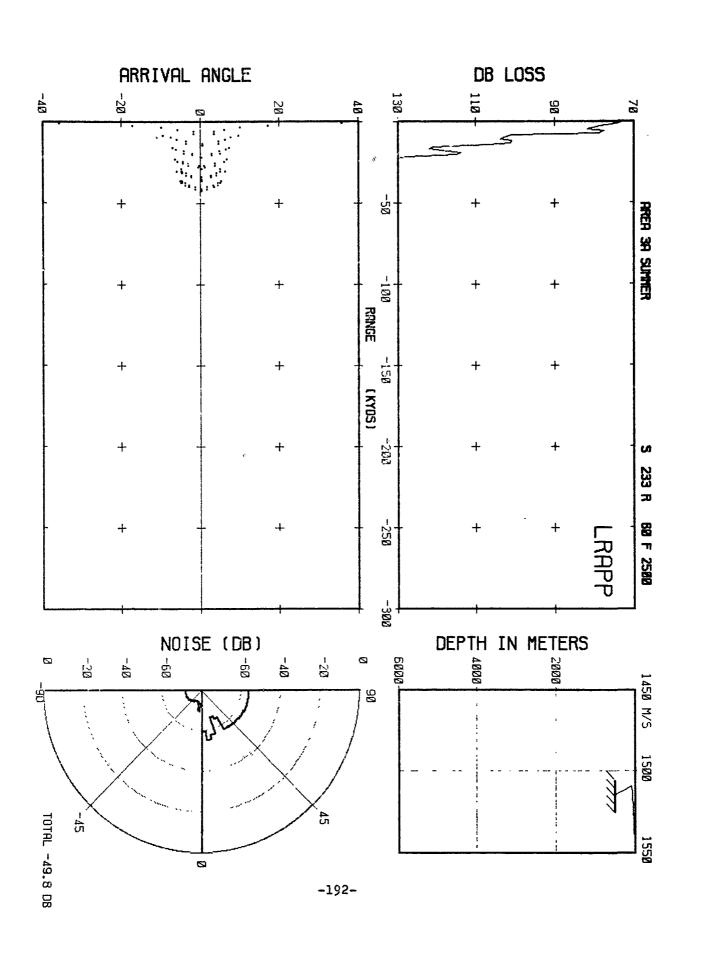


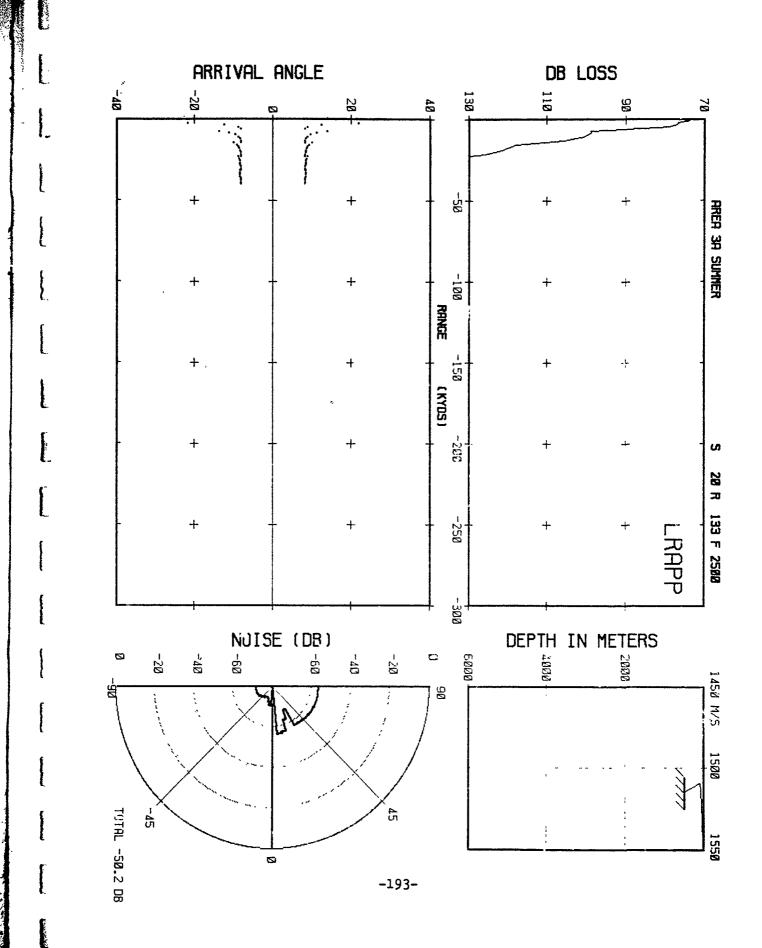


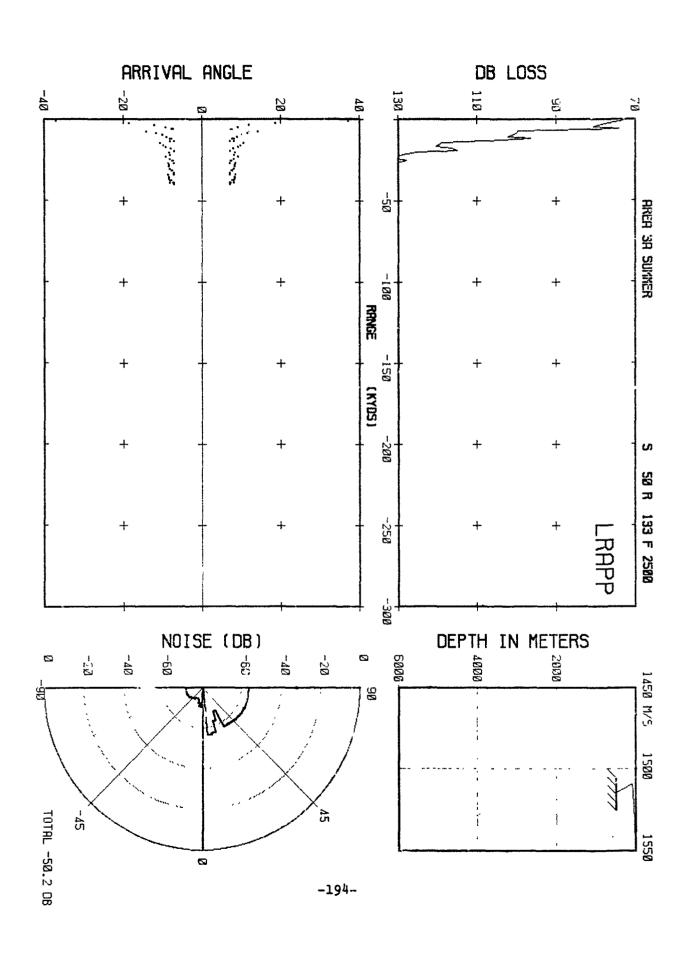


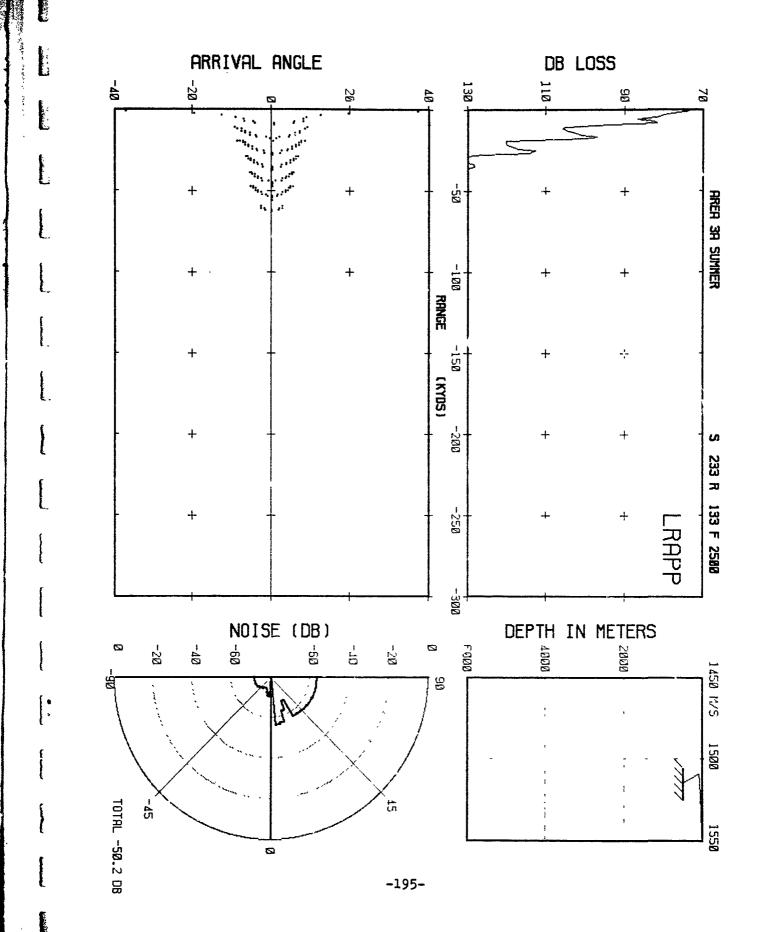


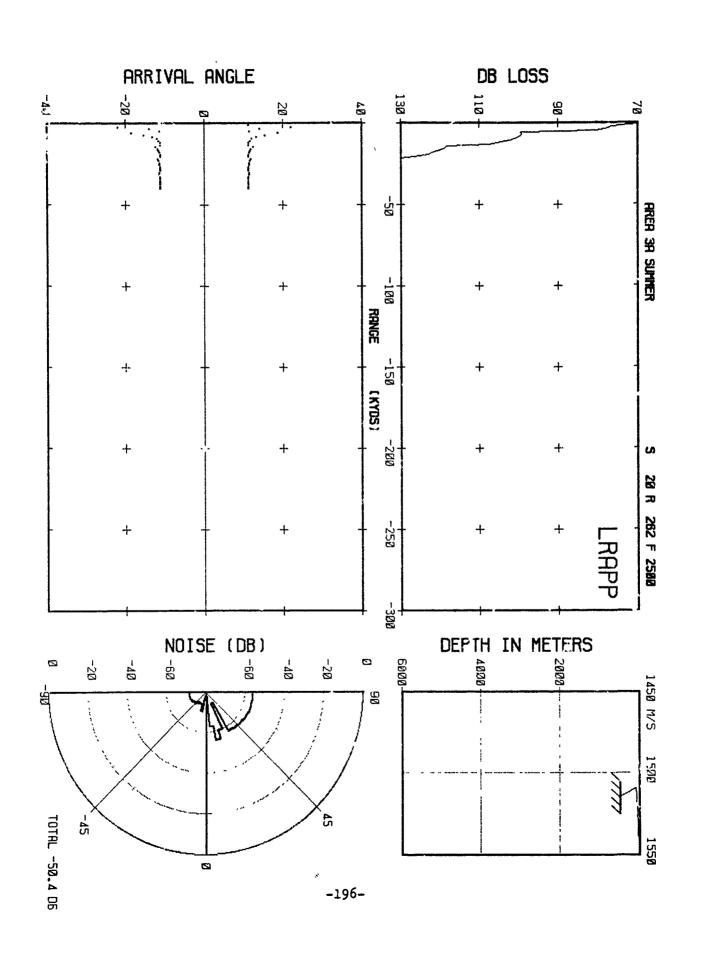


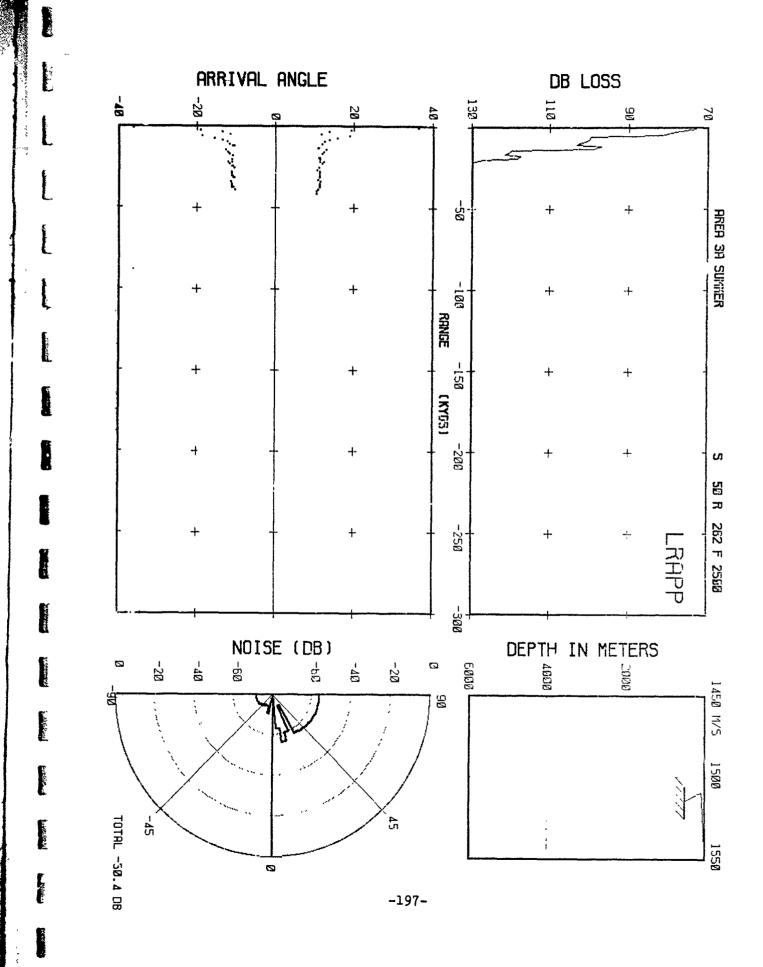


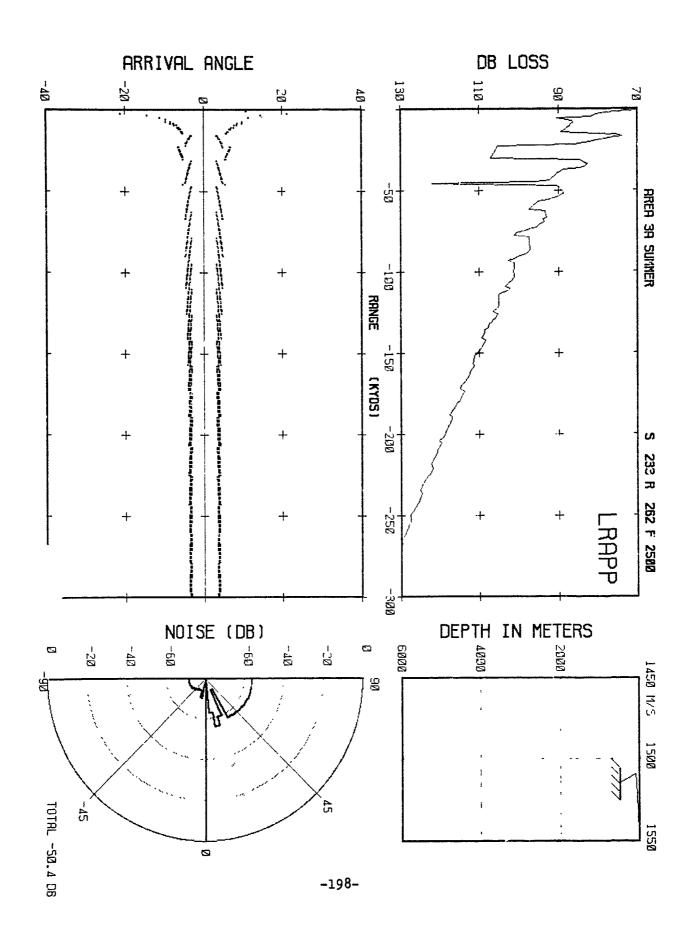




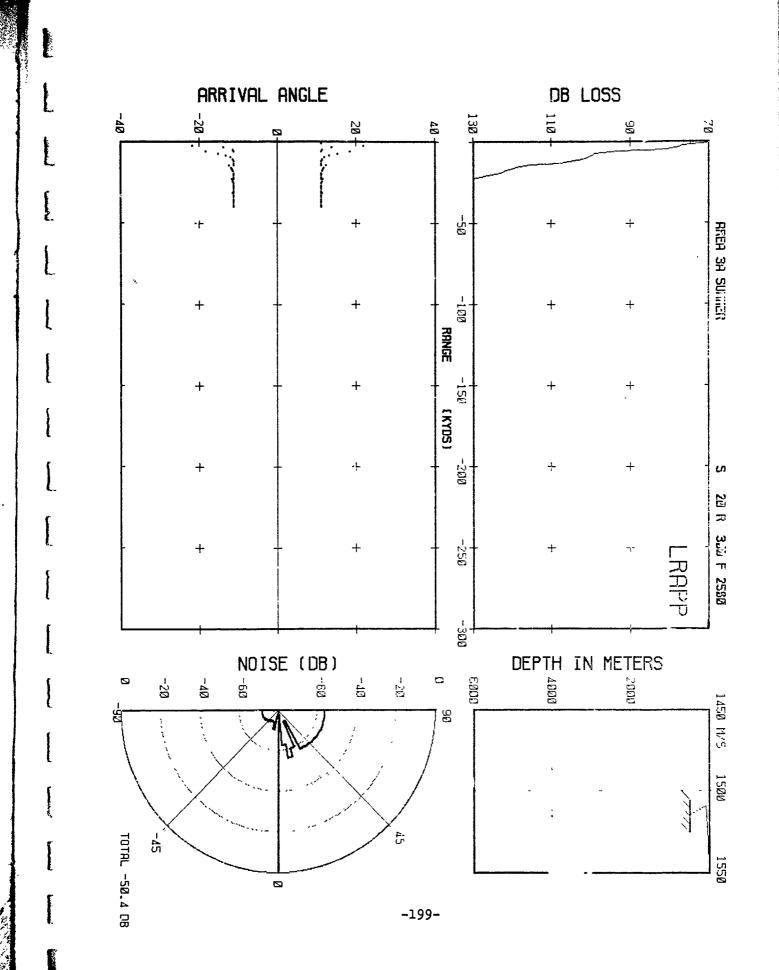


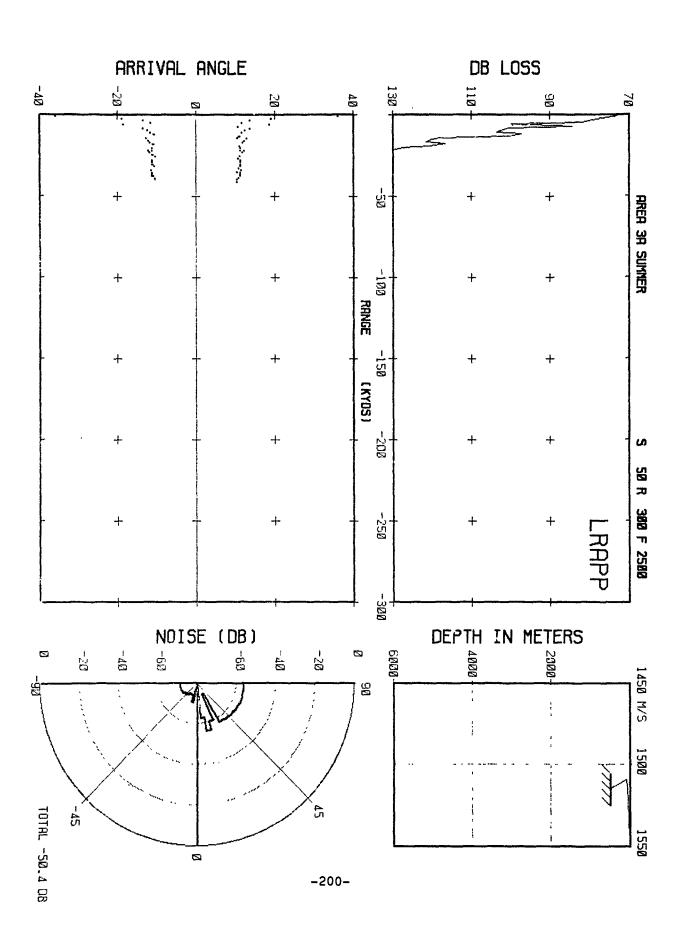


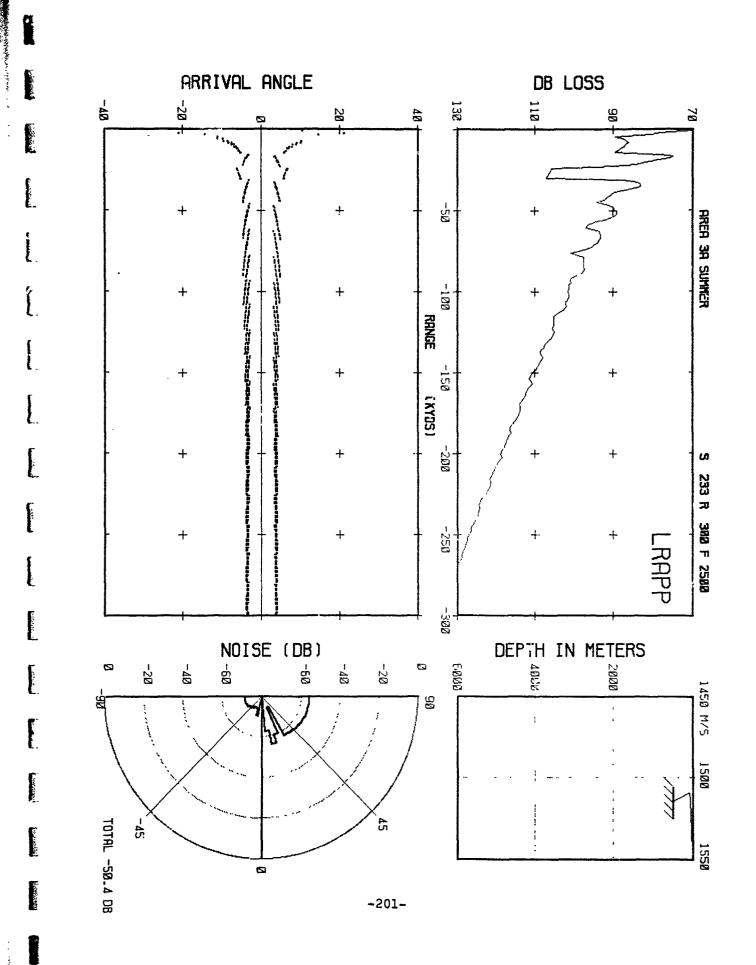


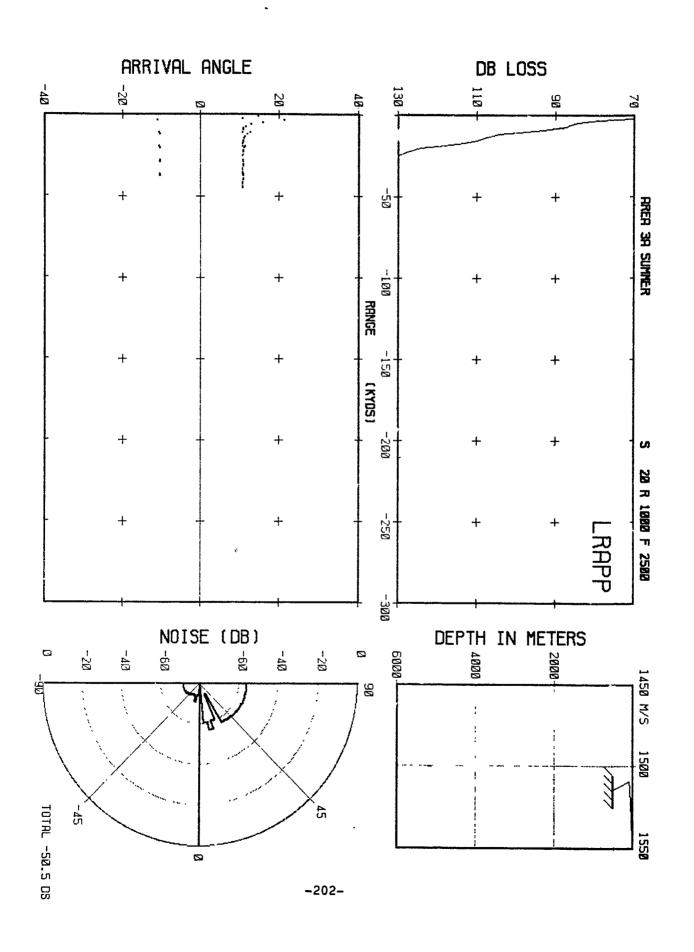


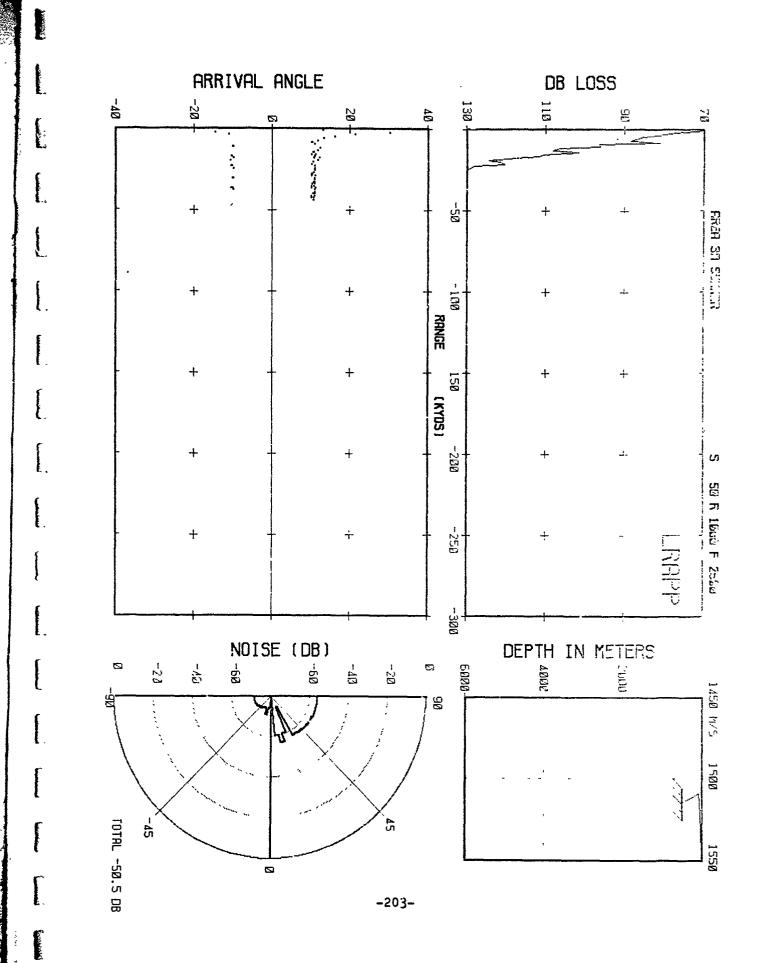
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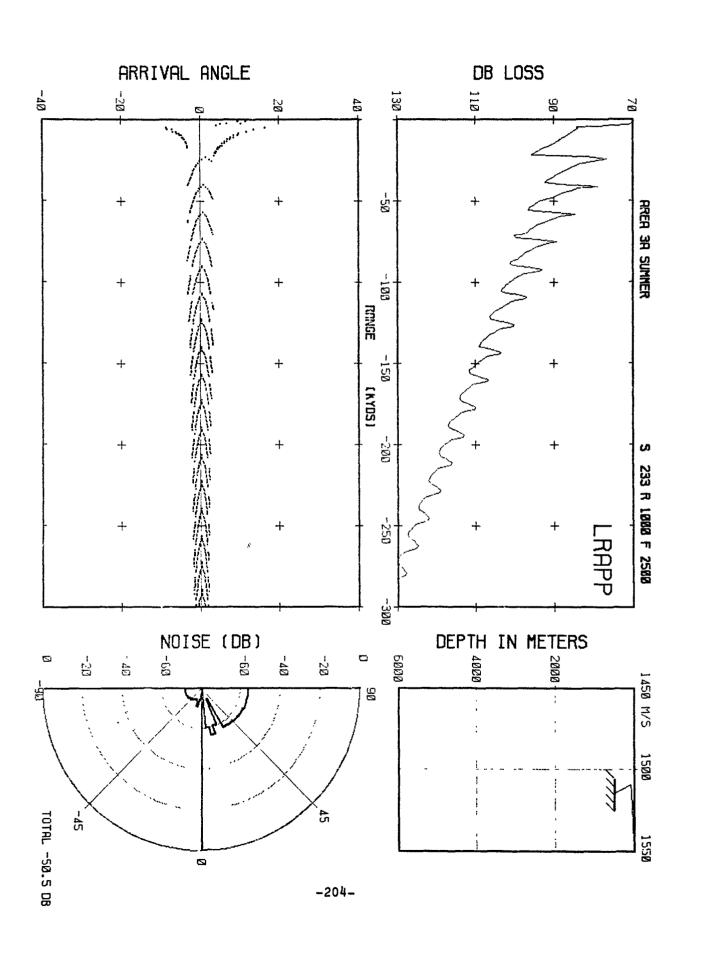


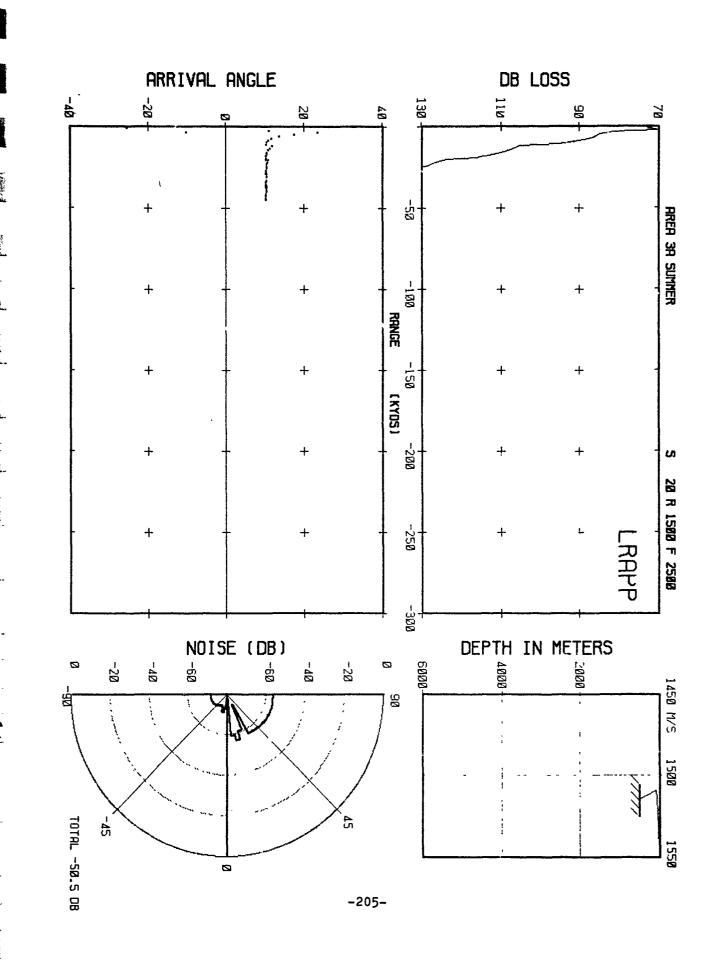


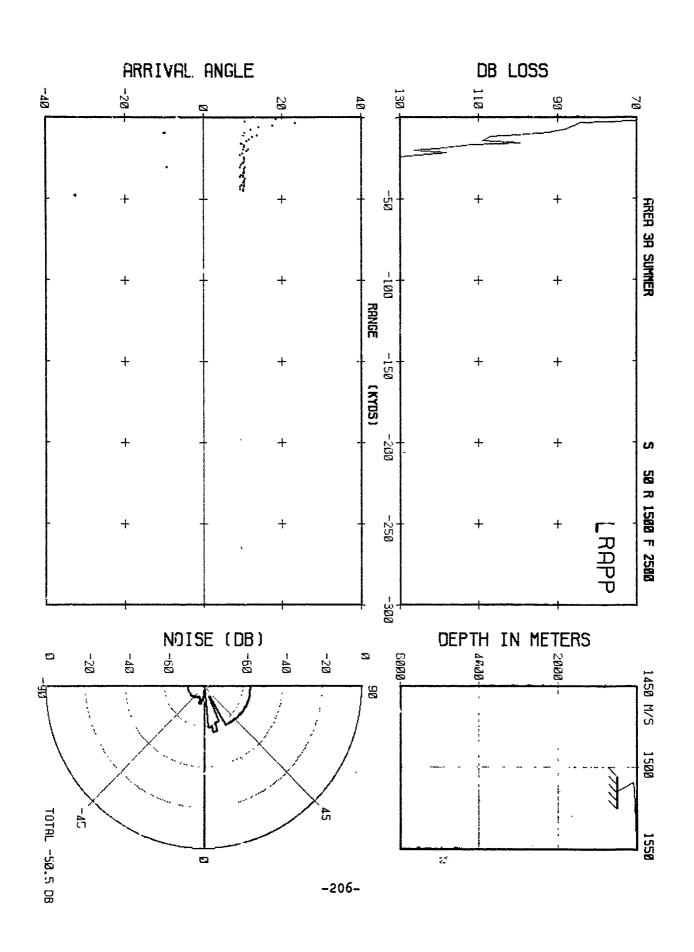


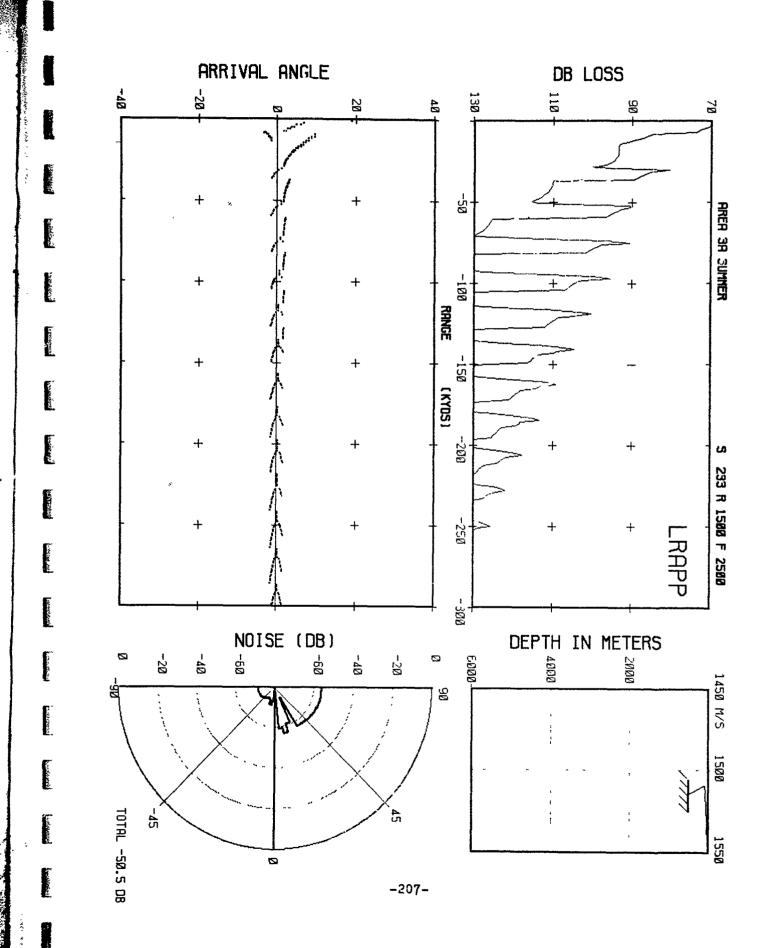


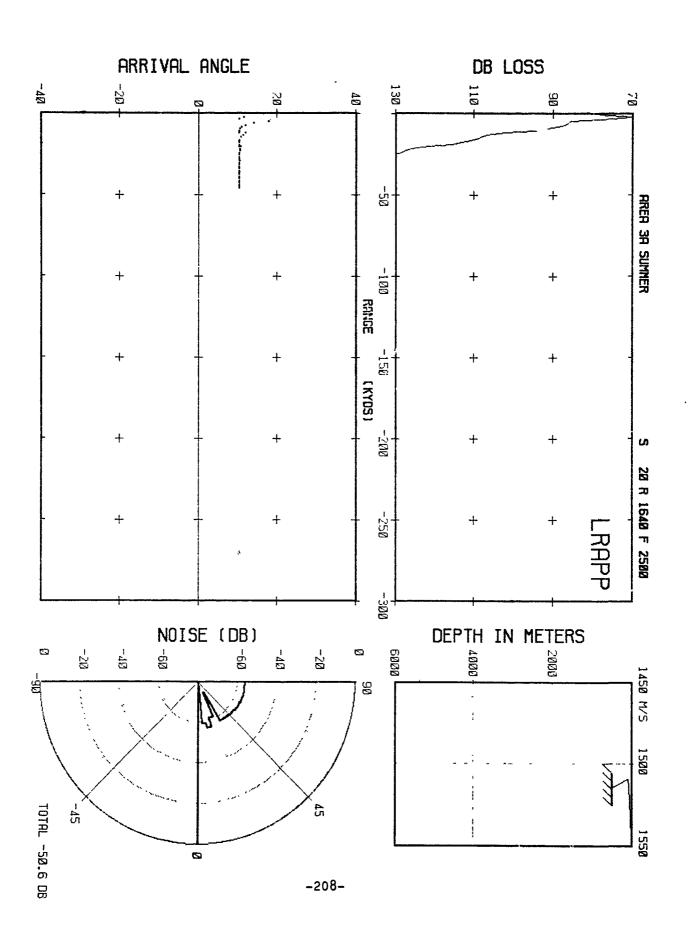


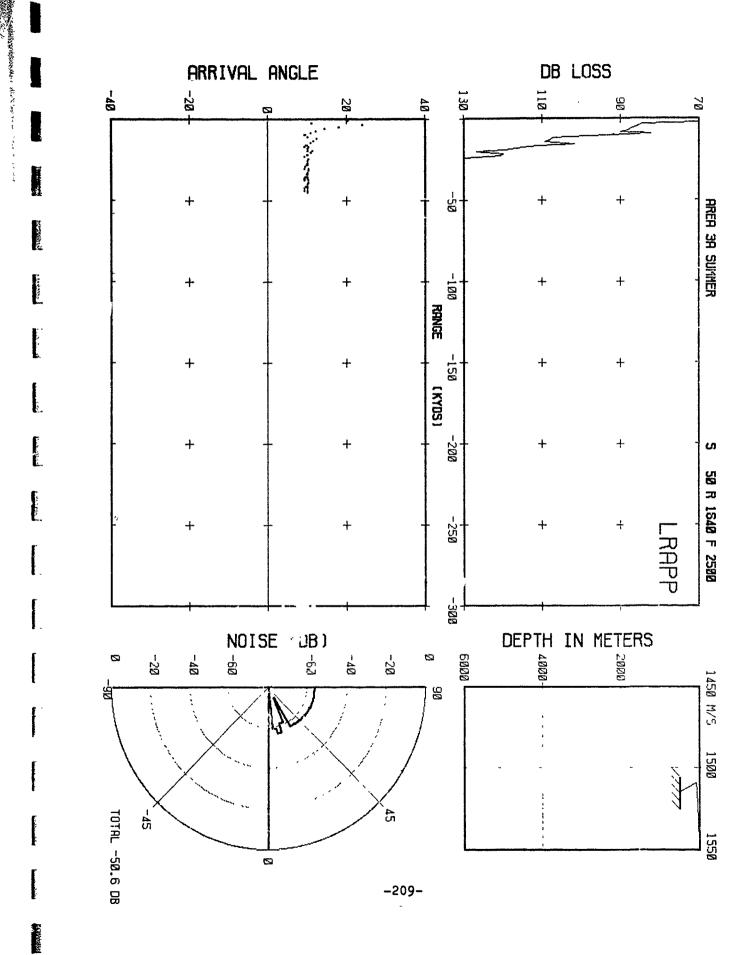


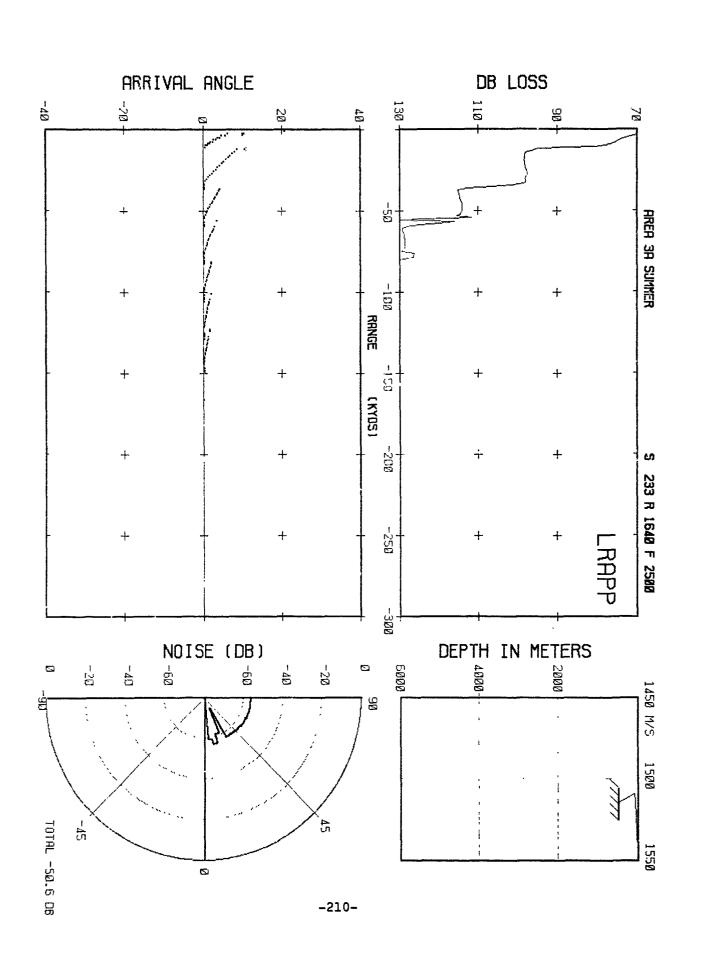












SUPPLEMENTARY

INFORMATION

1701 North Fort Myer Drive Arlington, Virginia 22209 Telephone (703) 524-4870

> TWENTY FIFTH ANNIVERSARY

Bolt Beranek and Newman inc.

29 May 1.973



Defense Documentation Center Cameron Station Alexandria, Virginia 22314

Reference: Maury Center Report Oll, Volume 7

Gentlemen:

Errors have been discovered in the ambient noise vertical directionality patterns on pages 106-110, 112, 113, 115, 116, 118, 119, 121, 122, 124 and 125 in Volume 7 of "Acoustic Environmental Scenarios and Predictions for ASW," Maury Center Report Oll, October 1972. This volume was mailed to you recently.

Unfortunately, routine checks at The Fleet Numerical Weather Center, where the predictions were generated, and at Bolt Beranek and Newman Inc., where the reports were printed, failed to uncover these errors. Corrective measures are being taken and corrected pages to replace those noted above will be mailed to you as soon as they are available.

Sincerely,

Courtney B. Burroughs

Senior Scientist

CBB: cw

Cambridge Washington, D.C. Chicago Houston Los Angeles San Francisco



DEPARTMENT OF THE NAVY

OFFICE OF NAVAL RESEARCH 875 NORTH RANDOLPH STREET SUITE 1425 ARLINGTON VA 22203-1995

IN REPLY REFER TO:

5510/1 Ser 321OA/011/06 31 Jan 06

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Subj: DECLASSIFICATION OF LONG RANGE ACOUSTIC PROPAGATION PROJECT (LRAPP) DOCUMENTS

Ref: (a) SECNAVINST 5510.36

Encl: (1) List of DECLASSIFIED LRAPP Documents

- 1. In accordance with reference (a), a declassification review has been conducted on a number of classified LRAPP documents.
- 2. The LRAPP documents listed in enclosure (1) have been downgraded to UNCLASSIFIED and have been approved for public release. These documents should be remarked as follows:

Classification changed to UNCLASSIFIED by authority of the Chief of Naval Operations (N772) letter N772A/6U875630, 20 January 2006.

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Report Number	Personal Author	Title	Publication Source (Originator)	Pub. Date	Current Availability	Class.
Unavailable	Unavailable	V	Maury Center for Ocean Science	721001	AD0910342	Ω
Unavailable	Unavailable	ACOUSTIC ENVIRONMENTAL SCENARIOS AND PREDICTIONS FOR ASW. VOLUME VIII. AREA 3B WINTER PREDICTIONS FOR PASSIVE SONAR	Maury Center for Ocean Science	721001	AD0910343	ı D
Unavailable	Unavailable	ACOUSTIC ENVIRONMENTAL SCENARIOS AND PREDICTIONS FOR ASW. VOLUME IX. AREA 3B SUMMER PREDICTIONS FOR PASSIVE SONAR	Maury Center for Ocean Science	721001	AD0910344	n
Unavailable	Unavailable	£	Maury Center for Ocean Science	721001	AD0911224	n
Unavailable	Unavailable	D 4A	Maury Center for Ocean Science	721001	AD0912560	U
Unavailable	Unavailable	ACOUSTIC ENVIRONMENTAL SCENARIOS AND PREDICTIONS FOR ASW. VOLUME X. AREA 4A WINTER PREDICTIONS FOR PASSIVE SONAR	Maury Center for Ocean Science	721001	AD0916556	U
MC-011 VOL. 14	Unavailable	10	Maury Center for Ocean Science	721001	AD0916557; ND	Ω
MC-011 VOL. 13	Unavailable	ND A 4B	Maury Center for Ocean Science	721001	AD0916610; ND	n
MCR008	Goodman, R. R., et al.	THE NEAT 1 EXPERIMENT (U)	Maury Center for Ocean Science	721001	NS; ND	n
Unavailable	Cherry, W. R.		Scripps Institution of Oceanography Marine Physical Laboratory	721015	ADA081876	n
ONR ACR-186	Gregory, J. B.	PROJECT LRAPP TEST BED- TECHNOLOGY USED IN THE DEVELOPMENT OF A DEEP-OCEAN STABLE PLATFORM (U)	Office of Naval Research	721024	40652370 Jabassza, nd	n
MC-010	Unavailable	CHURCH GABBRO EXERCISE PLAN- LRAPP (U)	Maury Center for Ocean Science	721026	QN	n
WHOI-72-87	Daubin, S. C., et al.		Woods Hole Oceanographic Institution	721101	AD0756628; ND	n
NRLR7516	Fleming, H. S., et al.	PROJECT NEAT 1 ENVIRONMENTAL DATA REPORT (U) (USNS J.W. GIBBS)	Naval Research Laboratory	721129	Mo Kis Month	U

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